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PURDUE UNIVERSITY.
... DEBRIS



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The Editor-in-Chief's Apology.

*Readers of the '01 Debris,
Members of the Faculty and Student Body:*

In sending out the '01 Debris, *I* believe a few words of explanation are due *Me*. Born, when quite young, in the sandy doons of Scotland, at two years of age *I* took *My* parents by the hand and led them into the Highlands, where *I* soon lost them. *I* spent *My* youthhood skipping and playing with the young lambkins and other such docile quadrupeds, from which *I* acquired that spirit of meekness which is so characteristic of all that *I* say and do.

I am, as you well know, a Self-Made man; confident of *My* own ability *I* have steadfastly refused to let out the contract. Four years ago fate led *Me* to Purdue. It is not necessary that *I* review *My* career since Purdue has been connected with *Me*. Cream rises. *I* have come to the top. Last year *I* was compelled to assume the responsibilities of the editor-in-chief of the '01 Debris. The class is to be congratulated upon its selection, for not only am *I* a Man of sound judgment and phenomenal ability, but *I* flatter *Myself* that *I* am quite polite as well, and have received several leather medals for *My* gallantry to the

ladies, among whom *I* have always been a Great Favorite. *My* polished manners and winning ways make *Me* a Hero wherever *I* show up. *I* also know how to preside with dignity and ease, and have recently written an article for the Texas Siftings upon "Correct Posture, or the Art of Being Graceful." But to return to the subject. *I* feel that *I* must offer a few apologies for the '01 Debris. The book does not suit *Me* exactly. Had *My* time not been so limited, *I* should have done all the work *Myself*, and have run no risk in the matter, for *I* do think *I* know a right smart about literary work.

I have done *My* best to keep out the work of the other members of the staff; but, in spite of *My* watchfulness, a few non-Wilson articles have crept into the book, and have, *I* fear, stamped it. Trusting that you are capable of appreciating high-grade work, such as *My Own*, and that you will pardon the shortcomings of *My* most inefficient staff, *I* send out this book, which *I* should like to have dedicated "To that spirit of progress which is so characteristic of our age."

Sincerely yours,

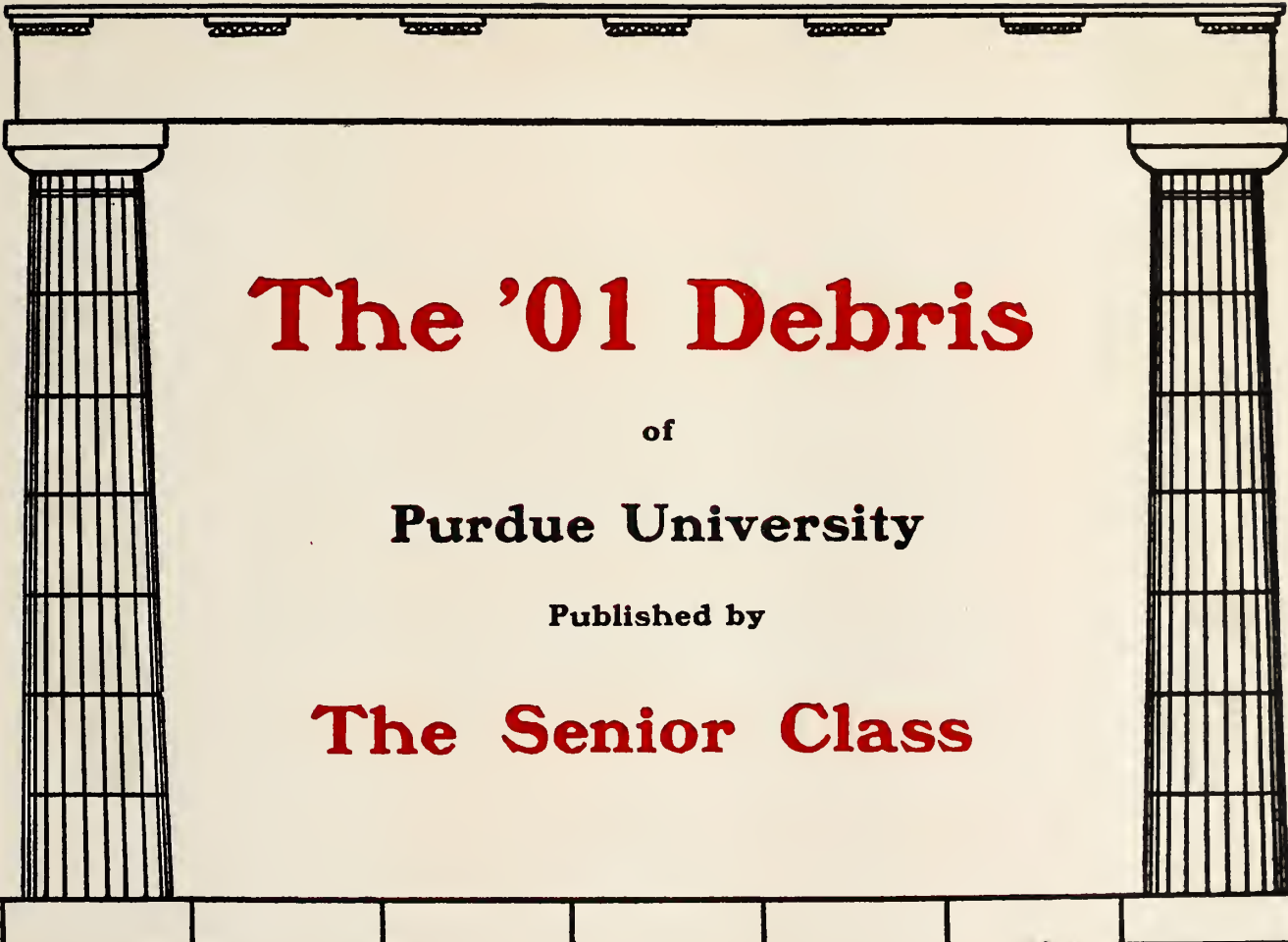
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DR. STONE.



The '01 Debris

of

Purdue University

Published by

The Senior Class



The passing years have made thee dear to me ;
The mem'ries of thy halls are full of charm ;
The golden hours that fled so easily,
Have left with me a love both deep and warm.

The years that passed before I came to thee,
To drink the deeper draughts that thou canst give,
Are indistinct as clouds on distant sea,
Or faded quite ; of thee I learned to live.

Four years of life, with life's stream flowing strong,
To catch the spirit of the years to come !
Oh ! alma mater, it has not seemed long ;
And now I am prepared my race to run.



AUG 3 1 1949

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This Volume

is respectfully dedicated

to our friend

Winthrop Ellsworth Stone.



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Introduction.

BETWEEN that midnight hour when a band of '01 Freshmen danced around a feebly burning bonfire, in honor of their class number upon the tank, and that hour when these same fellows leave the halls of old Purdue as graduates, there is a stretch of four eventful years.

From the Freshman standpoint, these four years seemed to stretch away into the distance. We looked forward to the latter end of the Senior year as to the culmination of a long and difficult, though pleasant, experience. Bright plans were laid, and the future was filled with visions of success, due to our untiring and enthusiastic industry.

But, as time passed, the enthusiasm with which we viewed our chosen professions from a distance became blunted, as the tedious work of developing details became more and more arduous. One by one the air-castles we had built vanished.

It might appear from this that our retrospect should be gloomy; but it is not. We have learned a few things—that we do not know much; that we know more than we did; and that there is an infinite store of facts still before us, unlearned. And we have had a lot of fun.

It is true that we have a future before us—a future concerning which we have built up some palaces that resemble in general outline those charming castles which we built in Spain during our early Freshman days. But, before turning our undivided attention to the future, we wish to look back once more over our college life, and, in this book, to preserve its history from the encroaching sea of oblivion.

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* Died March 13, 1901.

Purdue University.



THE modern University is, for the most part, derived from the monastic school of the Middle Ages. As a result of this descent the early universities gave the humanities a very prominent place in their curricula and did not offer extensive courses in scientific branches. The realms of philosophy were explored with great zest, and the classic shades afforded infinite delight; but almost no attention was given either to theoretical or applied science. There was not much demand for instruction in these lines. Superstition and science have always been antagonistic. The church dominated educational thought and the present industrial age, in which applied science is indispensable, had not begun. The logic of Aristotle held sway, and men thought it a greater advantage to revel in metaphysical speculations than to turn their attention to those matters which were considered to be of the earth, earthy. This intellectual bondage was terminated by the Renaissance, and education was placed on a more logical basis. It was still, however, rather disciplinary than practical. Culture, pure and simple, was the main object of university training, with no thought of any specific practical application. The feeling soon arose that that kind of education did not meet the demands of the times, and this feeling became more pronounced at the beginning of the present industrial era.

The "Industrial Revolution" in England took place in the latter part of the eighteenth century and in the early part of the nineteenth. During this period the manufacturing processes of the country were literally revolutionized by the epoch-making inventions of Hargreaves, Arkwright, Crompton, Cartwright, James Watt and others. These men produced the most notable series of inventions in the history of English industry. As a result of these inventions English manufacturing was given a remarkable impetus. The "Industrial Revolution" was not long in spreading to America. It dates in this country from about 1830. In the short space of a single decade wonderful advances were made. English inventions were imported; the railway was introduced; steamboats were navigating the ocean, rivers, and lakes with success; the screw-propeller was made practicable; anthracite coal was successfully used in the production of steam and in the manufacture of iron; and the steam-hammer, the McCormick reaper, and numerous other labor-saving contrivances were invented during this fruitful decade. Yet the progress of this period represents only the humble beginnings of the present industrial age, which is without parallel in the history of the world.

Obviously, then, under these conditions there was necessity for something aside from Latin, Greek and Philosophy. These branches were invaluable in the learned professions, but could never accomplish the industrial conquest of the American con-

tinent. Pure science, also, was inadequate. The application of scientific principles to industrial operations was indispensable. With this end in view scientific schools were founded, and scientific and technical departments were established in institutions already existing. Yet the educational facilities were inadequate. The great industrial enterprises were making demands for technically trained men whom the schools and colleges could not supply. There was also a demand for scientific training in agriculture. Farming had been carried on by extensive methods since colonial days, and the need of more intensive cultivation became evident as the density of population increased. Various plans were suggested to meet these definite demands and Congress was finally induced to move in the matter. A bill for the endowment of colleges for instruction in agriculture and the mechanical arts was introduced in 1858 by Hon. Justin S. Morrill, of Vermont. The bill was passed by a narrow majority, but was vetoed by President Buchanan. Four years later the measure, with some modifications, was again presented. It was passed, approved by President Lincoln, and became a law on July 2, 1862. All of the so-called "Land-Grant Colleges," of which Purdue is one, were organized under the provisions of this Act. It granted to each State, wishing to avail itself of the privileges, thirty thousand acres of land for each Senator and Representative to which that State was entitled according to the apportionment following the census of 1860, for the purpose of endowing "at least one college where the leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanical arts. * * *." The results of this Act have been far-reaching. It is the most important educational enactment in the history of the United States, with the possible exception of the Ordinance of 1787. Thirty-three new institutions have been founded under its provisions, and at least fifteen others have received more or less assistance from it. If space permitted, statistics might be presented showing the importance of these "Land-Grant Colleges" in our educational system. The amount of capital represented and the number of students in attendance constitute very impressive totals.

Purdue University, owing to wise and conservative management, has always kept well within the letter and the spirit of the statute. She assumed the very definite work set forth in the Act of Congress, and has been one of the most conspicuously successful of the "Land-Grant Colleges."

The trials and tribulations of the early days of Purdue form an interesting and instructive chapter in her history. For a considerable time she was not a very promising infant. Those with Spartan instincts would probably have allowed her to perish, but, fortunately for the cause of applied science, there were those who saw something of her future possibilities. Careful nurturing and wise management caused her to wax and grow strong and ultimately to fulfill the fondest expectations of her most sanguine friends.

Purdue is now the largest purely technical school in the West. She was a pioneer in the field of industrial education, and now has an established reputation. The days of her probation are over. She is no longer in the experimental stage. She has still, however, the most important of problems to confront. Her existence does not, perhaps, depend upon the accurate solution of these problems, but their determination will make or mar her future. The problems are no longer critical, but they are vastly larger than they once were. There was never a time in the history of Purdue when wise guidance was more essential. Other institutions have realized the fact that there is a distinct and pronounced demand for men skilled in applied science. The result is that the great State Universities of the West have established scientific departments, many of which are now important factors in technical education. The competition of the future is destined to be more keen than that of the past. There can, however, be no question as to the future of Purdue so long as she continues to expand along traditional lines. She must, however, do more and better work in the future than she has done in the past. A healthy institution is dynamic rather than static.

While Purdue has always enjoyed a large measure of public confidence, there was probably never a time when a more kindly feeling toward her existed in the minds of those interested in technical education. The members of the State Legislature and others in high office, have recently given evidence of their appreciation of her work. The citizens of Indiana and those in other States conversant with her achievements continue to express their confidence in the institution in no uncertain way. There is a very good reason for this. The work of Purdue has been a great stimulus to scientific agriculture; it has had an important part in developing the efficiency of railroad systems; it has promoted the study of theoretical and applied electricity; it has made possible the use of better engineering structures; it has emphasized the applications of chemical, biological, and sanitary laws; it has also provided a training in general studies along literary, linguistic, artistic, and political lines. While the University continues to be aggressive along the lines of her traditional development, there can be no question as to her future. As long as she continues to serve an important and rapidly growing constituency, all good things will be added unto her.

President Stone.



DOCTOR WINTHROP ELLSWORTH STONE, to whom this edition of the *Debris* is dedicated, was elected President of Purdue University on July 6, 1900. He was, however, thoroughly familiar with the history and policy of the institution for many years before that time. His long term of residence at the University had also familiarized him with the history of education in Indiana and had brought him into contact with university problems generally. He is, then, no stranger to the State and not new to educational circles.

President Stone is a native of New England—that section which has furnished so many sterling and aggressive men for the development of the more remote parts of our country. The achievements of the sons of New England in various parts of the United States have fully justified the statement of William Stoughton made in his election sermon of 1688, when he said, “God sifted a whole nation, that he might send choice grain into the wilderness.”

President Stone was born in Chesterfield, New Hampshire, in 1862, and in 1878 he entered the Massachusetts Agricultural College at Amherst and was graduated from that institution with the degree of Bachelor of Science in 1882. In 1886 a similar degree was conferred upon him by Boston University. After serving his *alma mater* at Amherst for a short time in the capacity of assistant, he went to the University of Gottingen for special work in chemistry. He remained at that institution for two years and then returned to America with the degree of Doctor of Philosophy. After a very brief connection with the University of Tennessee he was called to Purdue in 1889 to take charge of the Department of Chemistry. It was in connection with this department that his reputation as a scientist was made. His name soon became a familiar one in the periodicals devoted to chemical research, and his work on the chemistry of sugars gave him an international reputation. It was also in connection with Purdue that he gave evidence of unusual executive ability. He employed business-like methods in the administration of an important and rapidly growing department, and soon was afforded an opportunity to use this same ability in a still larger field. He had been at Purdue but three years when he was made Vice-President of the institution, and from that time to the present has been intimately and influentially connected with the management of the University. During his vice-presidency that office became one of increasing responsibility owing to the failing health of the late President Smart. This responsibility, however, he met in such a way as to command the respect and admiration of every one familiar with affairs at Purdue.

President Stone assumed his official duties under very auspicious circumstances. He took up the work of the new year with an enthusiastic faculty and a loyal student body. The results of the year just closed are very gratifying to the friends of Purdue. The educational standard of the institution has been steadily raised, and the increase in attendance has been unprecedented in the history of the University. The friends of Purdue, in Indiana and elsewhere, were never more aggressive in her behalf. The *alumni*, too, have recently exhibited a loyalty and an enthusiasm which are decidedly reassuring. Taking these things into consideration, the friends of Purdue are warranted in looking for great things from the administration of President Stone. He is a young man in the very prime of life and in the best of health, and gives promise of a long and useful career. It is a significant fact that those college presidents who have done most for their institutions and who have influenced the educational thought of their time most decidedly, have been men who have entered upon their presidential duties at a comparatively early age and who have held office for a long term of years. Yale attained her most remarkable development under the long presidency of Doctor Dwight. Harvard has developed consistently and unprecedentedly during the long administration of Charles William Eliot. Doctor Daniel C. Gilman has been president of the Johns Hopkins University for a quarter of a century, and in that time has made the institution a centre for graduate study unsurpassed by none in America. The efforts of President Angell during the last thirty years have placed the University of Michigan in the van of the great State Universities of the West. These men during their long presidencies have rendered notable services to their respective institutions and their influence upon contemporaneous educational thought has been inestimable. The most fruitful college presidencies in the history of American institutions have been those of long duration, and the trustees of Purdue have acted wisely in selecting a man for the presidency of this institution, who, among other qualifications, has youth and strength in his favor.

President Stone is the type of man most likely to be successful as the executive head of an American college. He has had extensive university training, is imbued with the scientific spirit, has a comprehensive knowledge of university education, particularly along technical lines, and is, in addition, a man of affairs. The early college president was generally a doctor of divinity. He was often a man of broad culture, and sometimes of scientific mind; but frequently unskilled in business matters. There was then a demand for the man of business talent, and educational ability was considered of secondary importance. Many mistakes were made by institutions in the selection of presidents on this basis. It was soon found that the really successful man must possess both executive ability and scholarly attainments. The most efficient college presidents in recent years have been men of this type, and the new President of Purdue must be included in this category. It is with pleasure that the editors of the *Debris* dedicate this volume to President Stone as a tribute to his sterling worth as a man, and as a recognition of his eminent and loyal services to their *alma mater*.

In Memoriam.

BENJAMIN HARRISON,

**A Trustee of Purdue University
from July, 1895,
to March, 1901.**

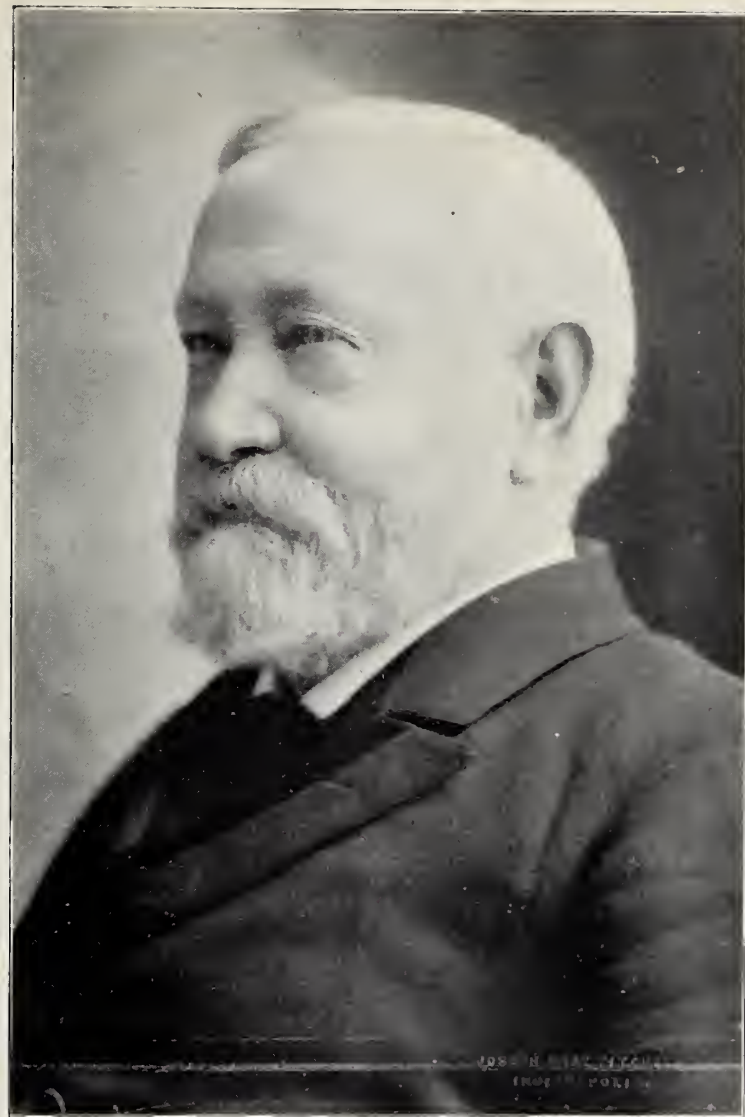
**Born August 20, 1833.
Died March 13, 1901.**



WHEN a great man dies, commonplace grief disappears in the contemplation of his virtues and attainments. Rarely has this been true to so great an extent as in the death of Benjamin Harrison, and this is due to the inherent quality of his greatness. He occupied a large place in the world, not by reason of any of those evanescent or superficial qualities to which some owe their prominence, but from true intellectuality and force of character. The possession of a perfect mental and physical equipment, trained and utilized to the utmost, but never overtaxed, produced in him a type of the highest modern evolution of civilized man. The American people wasted no time in trying to analyze his character. Instinctively men recognized in him a safe leader and sound adviser. In every field of activity which

he entered, and his life was not narrow, he demonstrated his greatness; as an acknowledged head of the legal profession; as a leader in the councils of the church; in the highest political office; as a distinguished man of affairs; as a patriotic citizen and a brave soldier; in whatever aspect life presented itself to him, it found him full-rounded and masterful. He had the mental bent of the student, approaching every subject from the standpoint of inquiry and mastering it by methods and with an accuracy truly scientific. Had his life-work called him to a career of scientific research, he would have become such a leader there, as he was in fact in other fields, through the sheer force of his intellectual persistence and thoroughness.

It was wholly in keeping with his high sense of civic duty, to sustain an active interest in affairs of charity, religion and education. In later years when relieved from the burdens of public office he gave much time to these matters. During this period, Purdue University was fortunate in the enjoyment of his cordial friendship and active service as a member of its board of trustees. To this office he brought all of his rare ability and high qualities, expending them freely in behalf of the institution. His interest and activity in the affairs of the University was not surpassed by any of his colleagues, while the inspiration of his presence and the force of his example were of priceless value to every officer, instructor, and student. His death is an irreparable loss; but the memory of his life is a precious heritage, which should be treasured by all future generations of students, for no loftier type of man can be raised up for the emulation of college youth than Benjamin Harrison.





DR. SMART.

Dr. Smart.

Born at Centre Harbor, New Hampshire, June 30, 1841.

Died at LaFayette, Indiana, February 21, 1900.

President of Purdue University from 1883 to 1900.

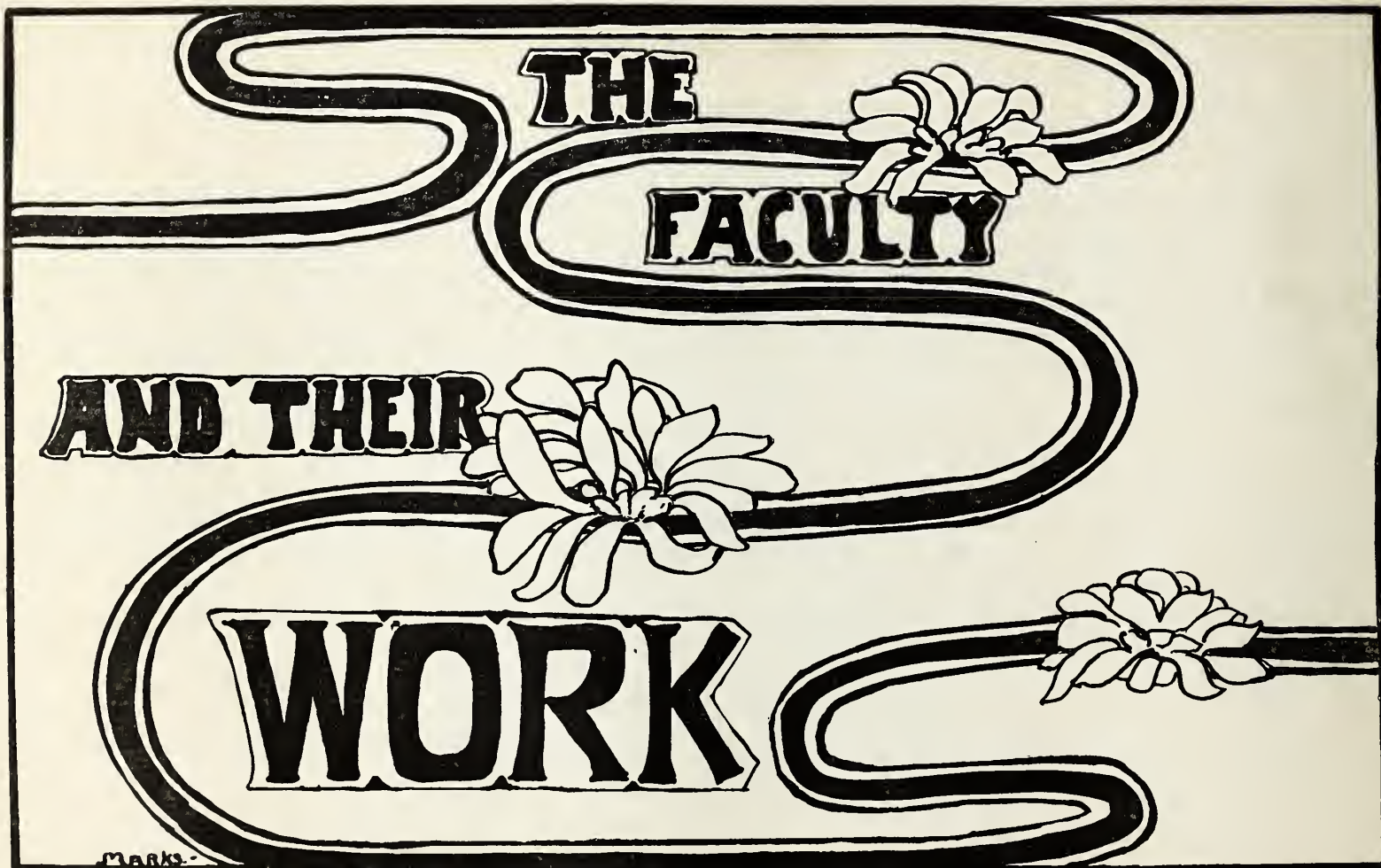


VEN with our faces turned towards the future, and with the prospect of a prosperous career for our *alma mater* under the guidance of Doctor Stone before us, it is fitting that the class of '01 should pay tribute in these pages to the memory of him who was such an important factor in the first two years of our college life. Our freshman year was the last year in which Doctor Smart was able to attend chapel exercises every day; and we can well remember how he used to tell of the progress of events relating to the welfare of the institution from time to time. During our sophomore year he grew weaker and weaker, but still tried to keep hold of the affairs of the University.

"Prexy" is enshrined in our hearts, partly because his name was handed to us by our predecessors in a spirit of love and confidence that is never mistaken, and partly because of the direct influence of his personality. For he possessed that indefinable something which gives a man influence over the lives of others. Up to his death, our reverence and respect for him increased with the passing of time, as we grew more and more familiar with his great work and the difficulties which he overcame. As to the personal side of his character, that, perhaps, is best shown in the words spoken by General Harrison at the time of Doctor Smart's death: "He loved God, and all His creatures."

The lapse of time has enabled us to look with broadened view over past events. As we contemplate the life and death of Doctor Smart, "Prexy," we are reminded of Tennyson's words:

"I hate the black negation of the bier
And wish the dead, as happier than ourselves
And higher, having climbed one step beyond
Our village miseries, might be borne in white
To burial or to burning, hymned from hence
With songs in praise of death, and crowned with flowers."





Professor Goldin



Professor Goss



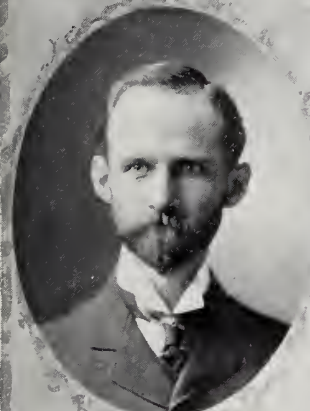
Professor Coulter



Professor Green



Professor McRae



Professor Pence



Professor Goldsborough



Professor Latta



Professor Waldo



PROF. SMART.

MR. ROBERTSON.

MR. STROUT.

MR. YOUNG.

MR. WALDENMAIER.

PROF. HATT.

DEAN GOSS.

MR. LUDY.

PROF. MILLER.

Department of Mechanical Engineering.

W. F. M. GOSS, M. S., Professor of Experimental Engineering and Dean of the Engineering Schools.

A. M., Wabash, 1888; Instructor in Mechanic Arts, Purdue, 1879-83; Professor of Practical Mechanics, 1883-90; present position since 1890. Member of American Society of Mechanical Engineers, American Association for the Advancement of Science, Association for the Advancement of Engineering Education, Indiana Engineering Society, American Railway Master Mechanics' Association, International Association for Testing Construction Materials, Western Railway Club, author of numerous scientific papers.

R. A. SMART, M. E., Associate Professor of Experimental Engineering.

B. M. E., Purdue, 1892; M. E., 1893; Instructor in Engineering Laboratory, 1893-95; Assistant Professor of Experimental Engineering, 1895-97; present position since 1897. Associate Member American Railway Master Mechanics' Association, Member American Society of Mechanical Engineers, Honorary Member Railway Signaling Club, Member Society for the Promotion of Engineering Education, Indiana Academy of Science.

W. K. HATT, A. M., C. E., Associate Professor of Applied Mechanics.

A. B., University of New Brunswick, 1887; A. M., 1898; C. E., Cornell, 1891; Alpha Tau Omega, Sigma Xi. In Engineer's Office, Intercolonial Railway, 1888; Resident Engineer, Grafton and Upon R. R., 1889; Engineer Windsor Branch R. R., 1890; Professor of Civil Engineering, University of New Brunswick, 1891-92; Instructor in Civil Engineering, Cornell, 1892-93; Associate Professor of Civil Engineering, Purdue, 1893-95; Instructor in Civil Engineering, Cornell, 1895-96; Associate Professor of Applied Mechanics at Purdue since 1896. Member of Society for the Promotion of Engineering Education, International Society for Testing Materials, Indiana Academy of Science, Indiana Engineering Society.

ROBERT SAMPLE MILLER, M. E., Assistant Professor of Mechanical Engineering.

B. M. E., Purdue, 1895; M. E., 1897; Assistant in Engineering Laboratory, 1895-98; Instructor in Engineering Laboratory, 1898-99; present position since 1899. Phi Delta Theta, Tau Beta Pi, Skulls of Thirteen, Mechanical Engineering Society, Junior Member American Society of Mechanical Engineers, Member of the Society for the Promotion of Engineering Education, Member Western Railway Club.

C. H. ROBERTSON, M. E., Instructor in Engineering Laboratory.

B. S., South Dakota Agricultural College, 1893; B. M. E., Purdue, 1895; M. E., 1896. Tau Beta Pi, Mechanical Engineering Society, Junior Member of American Society of Mechanical Engineers.

L. V. LUDY, M. E., Assistant in Engineering Laboratory.

Tau Beta Pi.

B. C. WALDEMAIER, B. M. E., Assistant in Mechanical Drawing.

B. M. E., Purdue, 1899. Mechanical Engineering Society, Indiana Academy of Science, Tau Beta Pi, Beta Kappa Kappa.

M. D. STROUT, Assistant in Engineering Laboratory.

Assistant Superintendent of Lafayette Car Works, 1880-87; Assistant Superintendent of Indianapolis Car Works, 1887-90; present position since 1890.

G. A. YOUNG, B. S., Assistant in Engineering Laboratory.

B. S., South Dakota Agricultural College, 1894; in charge of Wood and Iron Department, South Dakota Agricultural College, 1894-98;

B. M. E., Purdue, 1899. Member Mechanical Engineering Society, Tau Beta Pi.



ALTHOUGH the Mechanical Engineering Department is the oldest of all the departments, it is not yet hoary headed, but still a sturdy youth, and bids fair to outgrow its present clothes in a very short time.

Its equipment ranks with that of any similar institution in the United States, and many of the various pieces of apparatus for special tests cannot be duplicated anywhere, and additions worthy of more than passing notice are constantly being made. But of far more importance than the equipment are the hands in which it is placed. Every branch of this department is in charge of one who is a specialist, and with Professor Goss at the helm, prophecy and imagination are alike inadequate to foretell its future.

It is in this department that the student first realizes what is meant by "Mechanical Engineering" in its fullest sense, and the problems submitted to him for solution are all along practical lines. Not only are problems submitted, but from the actual machines the student derives his own data, and thus creates for himself the conditions and requirements that he must face in his professional work when his student life is over.

In equipping the laboratories, the idea was not to have a heterogeneous collection, but to select those machines which were typical, and this policy has been followed to the letter. A cursory view might not show the real value of this idea, but to the student in design it is invaluable, for to him it is the principle, rather than the detail, that appeals the stronger.

The main laboratory, besides minor equipment, contains an aggregate of fifteen hundred horsepower of steam cylinders, and all are equipped for thorough testing both by indicator and absorption dynamometer, and in some cases for an exhaustive

thermal analysis. Besides the steam engines, there are several other types of prime movers in this department, such as steam and water turbines, gas engines, pelton motors, etc., all equipped for thorough testing.

One of the most important factors in the work of the designer is a knowledge of the properties of the materials with which he works, and with this end in view a special laboratory has been equipped especially for the study of the strength of materials and is under the guidance of Prof. Hatt. The equipment consists of tension and compression machines capable of exerting and recording stresses up to three hundred thousand pounds. Besides these, it is equipped with apparatus by means of which study is made of the effects of torsion, vibration, impact and abrasion.

The railway presents some rather knotty problems for the mechanical engineer to unravel, and the apparatus from which some of the most typical ones are derived is very much in evidence in the laboratories, and some of the more important ones are worth mentioning. The air brake rack is one of the most imposing. It is equipped with standard pumps, reservoirs, brakes, and triple valves, and is equivalent to a train of one hundred cars. One of the latest additions to this department is the brake-shoe testing plant, upon which commercial shoes are tested both thermally and for resistance to wear. The pride of this department, and in fact, of the whole school is the locomotive, Schenectady No. 2, which is in an annex. The locomotive is mounted upon trucks, and load is applied by means of absorption brakes. The plant is thoroughly equipped for exhaustive tests in regard to tractive power, coal and water consumption, boiler efficiency, horsepower, etc. The researches carried on in this department are not merely of an instructive nature for those individually concerned, but the information gathered here is eagerly sought for by the outside world, as is profusely attested to by the almost daily inquiries that come in regarding railway and shop practice.

In addition to the experimental apparatus in the laboratories, from time to time, additions are made that are for exhibition purposes. Their chief interest lies in the fact that they bring before the student types that illustrate the good and bad points of design, and how by their service they have exerted an influence over present practice. Not all of them are of an historical nature, but are distinctly modern, such as the exhibit of trucks for street and railway cars, interlocking switches, railway velocipedes, boiler and cylinder sections of locomotives, and sections of various railway and mechanical devices. Among those of historical interest, the first of any magnitude to be added to the museum was a two-million gallon pumping engine of the walking-beam type, which was presented to the University by the city of LaFayette.

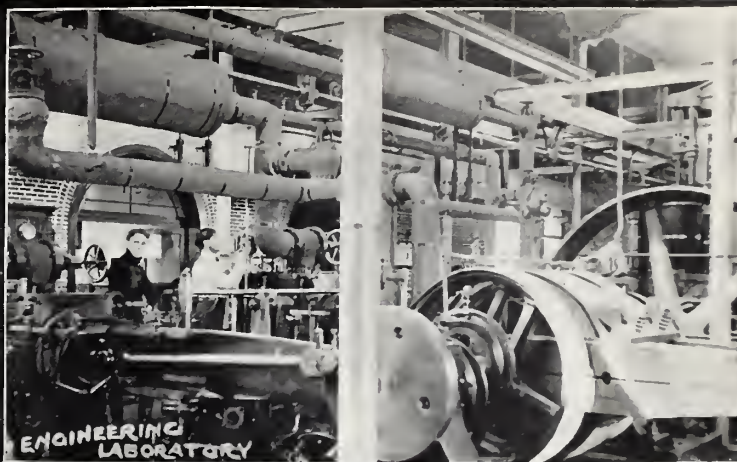
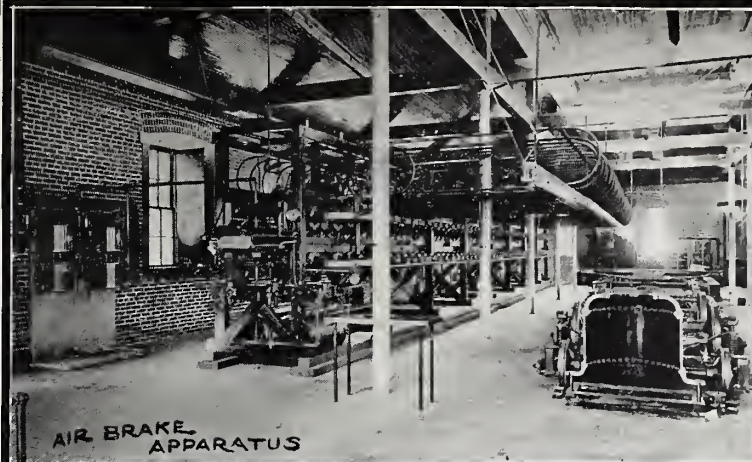
One of the latest and most important additions to the museum is an English locomotive, and three other types of locomotives are soon to be added, the purpose being to preserve those types of locomotives, American ones in particular, that

are rapidly being replaced by the larger and more powerful machines which are demanded by the present requirements of traffic. The three that are to be added are all of them American locomotives, and in point of service they cover a period of about twenty-five years in the railway history of America. These, together with the English locomotive, will be housed in a suitable building for exhibition purposes, and they, together with Schenectady No. 2, will make a valuable collection.

The curriculum of the School of Mechanical Engineering is intended to lay the foundation for successful effort in whatever branch of the profession the student may find himself after graduation. For this reason, a large number of subjects are presented, covering a wide range of experience. Some of these subjects are of sufficient importance to justify much more time being spent in their study than is provided; but the work of the mechanical engineer embraces so many things that, to go over much of it, requires a comparatively superficial consideration of some of the large problems. There are, however, certain fundamental principles which underlie every phase of mechanical engineering, and these are studied very carefully; so that the student readily adjusts himself to the specialization which modern industry requires.

Realizing the growing importance of electricity as a factor in solving practical problems, the study of dynamo electric machinery has recently been added to the Mechanical Engineering curriculum, and is taken up during the second and third terms of the Senior year. A series of lectures on railway signaling has recently been prepared by Professor Smart. Purdue is the first school to provide students with facts concerning this important and ever-growing department of railway engineering. Thus our alma mater keeps ever in the forefront of progressive institutions.







MR. CHAMBERLAIN.

MR. DOOLEY.

MR. SAWYER.

MR. ESTERLINE.

MR. KING.

PROF. MATTHEWS.

PROF. FERRY.

PROF. GOLDSBOROUGH.

MR. REYNOLDS.

Department of Electrical Engineering.

WINDER ELWELL GOLDSBOROUGH, M. E., Professor of Electrical Engineering and Director of the Electrical Laboratory.

M. E., Cornell University, 1892; Beta Theta Pi; Electrical Engineer, Colliery Company, Scranton, Pa., 1892; in charge of Electrical Engineering Department, Arkansas University, 1893; Consulting Engineer, Edison Electric Illuminating Co., 1895-96; Professor of Electrical Engineering since 1896; Member of American Institute of Electrical Engineers, Institute of Electrical Engineers of England; Franklin Institute; Society for the Promotion of Engineering Education; International Society for Testing Materials; American Association for the Advancement of Science; International Congress of Electricians, Chicago, 1893; International Electrical Congress, Paris, 1900; Committee on Arc Light Photometry of the National Electric Light Association; Chairman Committee on Magnetic Properties of Iron and Steel, of International Association for Testing Materials; Contributor to Proceedings of Engineering and Scientific Societies, and to Engineering Journals.

CHARLES PHILO MATTHEWS, M. E., Associate Professor of Electrical Engineering.

Graduate St. Johnsburg Academy, 1887; Cornell University, 1892; with Rockford Electrical Manufacturing Co. 1892; Instructor in Physics, Cornell, 1892-96; present position since 1896. Sigma Xi; Member of A. I. E. E. Committee on Standard of Light, Society for Promotion of Engineering Education, Indiana Academy of Science; author of various articles on Physics and Electrical Engineering; Photometrist for the National Electric Light Association Committee on Arc Lamps.

ERWIN S. FERRY, Professor of Physics.

Graduate of Cornell University, 1889; Professor of Natural Science, Kalamazoo College, Kalamazoo, Mich., 1889-91; Graduate Student, Cornell University, 1891-93; Fellow in Physics, 1892-93; Fellow in Physics, Johns Hopkins University, 1893-94; Graduate Student, Royal University, Upsala, Sweden, 1897-98; Instructor in Physics, University of Wisconsin, 1895-99; Professor of Physics, Purdue University, 1899; author of various papers, principally on subjects in Light and Electricity, in various European and American Scientific Journals.

E. E. REYNOLDS, M. E., Instructor in Physics.

B. M. E., 1894; M. E., 1895; Assistant in Electrical Department, 1895-96; Assistant Instructor, 1896-98; Assistant Instructor in Physics, 1898-99; Instructor of Physics, 1899-00.

JOHN WALTER ESTERLINE, B. E. E., Instructor in Electrical Engineering.

Graduate, Ft. Wayne College, Ft. Wayne, Ind., 1893; B. E. E., Purdue University, 1897; Instructor in Electrical Department, 1898-1901; Associate Member American Institute of Electrical Engineers; Tau Beta Pi; Sigma Nu; Graduate Manager, Purdue A. A., 1898-01.

LLOYD EVERETT KING, B. E. E., Purdue 1897; Assistant in Physics.

With Western Gas Construction Co. and Fort Wayne Electric Co., 1898-99; present position since 1899. Tau Beta Pi.

A. F. CHAMBERLAIN, B. E. E., 1900; Assistant in Physics; Tau Beta Pi.

C. R. DOOLEY, B. E. E., 1900, Assistant in Electrical Engineering; Tau Beta Pi.

FEW of us stop to think in these days of "hurry and worry," of the rapid strides that are being made in the sciences. Among those which have made the most rapid progress, that relating to electricity is undoubtedly in the vanguard, and no man, no matter how deep a thinker and thorough a student, can say, "I am in touch with it all." To electricity is due to a great extent the present completeness of that branch of mathematics known as "Differential Equations," and there are questions constantly coming up which call for new mathematical expressions, and many will have to remain unanswered, from a mathematical standpoint, until new expressions are invented.

The manifold uses to which this agent is put are almost beyond the comprehension of the average mind. Of this particular branch of Purdue University's curriculum, namely, the Department of Electrical Engineering, we may justly be proud.

The first two years of the course are devoted to giving the student a thorough basis upon which to build his subsequent work, when he enters upon the study proper of Electrical Engineering.

By means of the Department of Physics the student in electrical engineering is rapidly brought to sufficient proficiency in deriving data, and the use of precise instruments for his subsequent work in electricity proper. In this branch, the textbook work is supplemented by laboratory work in regard to the general properties of matter, and experiments in heat, light, and sound carried on. Thorough work in electrical measurements is also carried on under this branch of the department, and for this research the laboratories are especially well equipped.

As in all the other branches taught here, the student has not only his text-books to guide him, but for his use are fitted up extensive laboratories filled with types of apparatus not to look at, but to put to actual service.

The laboratories are constantly being extended and fitted with apparatus of the most modern type. Here are to be found alternating and direct current machines for various commercial uses, and an inspection of the laboratories will forcibly impress one with the rapid strides that are being made in this branch of science. An examination of the various machines, whose date of manufacture are all within a comparatively short period, show radical changes in design and application of principle. A detailed description is out of place here, but some of the principle ones deserve mention. The largest generator, a 50 K. W. alternator, is used not only for experimental work, but for the incandescent lighting of the buildings of the University. Two complete street car motors are also mounted in the laboratory for investigating this important branch of electrical work, and power is supplied to them by means of a direct current generator, a product of the Jenney Electric Co. A complete transformer rack is equipped with nearly every form of American transformers, and among the later acquisitions of the laboratories are two rotary transformers of the latest type.

The laboratories are also provided with piers mounted upon deeply laid foundations, for the manipulation of the more delicate instruments whose use would otherwise be impaired by the vibrations of the machinery. The circuits from the various machines are carried by means of miles of wire to a large switch-board containing more than four hundred terminals, and by whose use any desired combination can be obtained. By means of a large German-silver resistance and a large lamp-board, any resistance from a small fraction of an ohm up to forty thousand ohms can be obtained.

For the study of artificial light a complete photometric room is fitted up and supplied with suitable equipment for this branch of work, and under the supervision of Prof. Matthews, some valuable researches have been made, especially in regard to the value of the enclosed arc. The apparatus in this department was deposited with Purdue by the National Electric Light Association.

For some of the investigations made in the laboratories, the electrical energy developed by the generators is unsuited, and for work of this class a large storage battery is provided and is a valuable addition to the equipment.

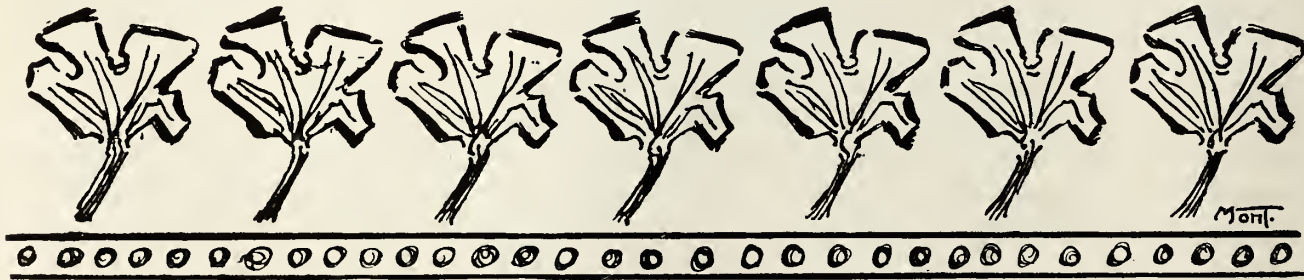
The thoroughness of the course is attested to by the positions of responsibility that are at present filled by the graduates of this department. The reputation of this department is not merely local, but more than national, for many of the investigations that have been carried on in this branch of Purdue's curriculum have been published by the English and continental press.

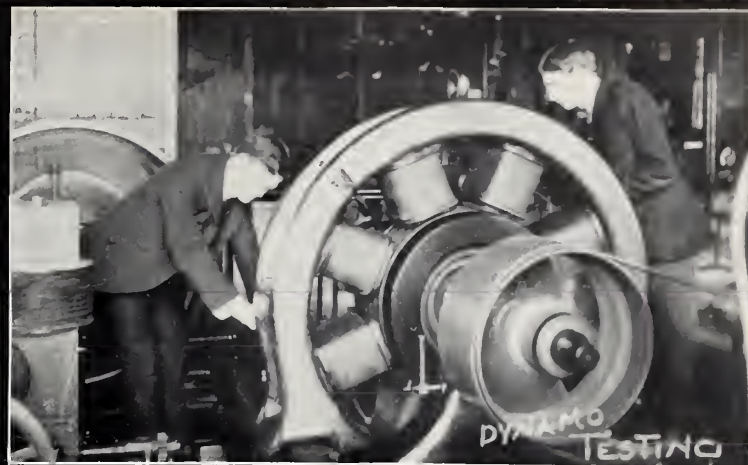
During the first two years, practically no difference is made between the electrical and mechanical engineers. After the second year, however, the courses differ widely, each one taking up the problems peculiar to it. The students of electrical engineering take up the studies of electricity and magnetism, dynamo electric machinery, and electrical design, in the third year.

Some time is given to drawing-room work of purely mechanical nature, to the study of the steam engine, and to mechanical laboratory work, so that the student may become familiar with the prime movers used in producing electricity. Thus, the students of electrical engineering are enabled to obtain a working knowledge of mechanical engineering, to help them in practical life. In the Senior year, however, with the exception of a few hours each week devoted to thermodynamics and mechanical laboratory work, they are kept busy in the purely electrical studies; such as the theory of alternating currents, the transmission of power, designing of electrical apparatus, and electrical laboratory work.

The practical character of the laboratory work of the Senior year may be understood, when it is said that the Seniors, under the direction of Professor Matthews, manipulate the photometric apparatus deposited here by the National Electric Light Association. Results are obtained that are of great practical importance to the student of electrical engineering; for there is, perhaps, no question of more absorbing interest to the electrical engineer just now, than the question of increasing the efficiency of methods of lighting, or of producing some other more efficient method.

Ever progressive, and striving to keep the student in touch with the best practice of the profession, the possibilities of electricity are the only things upon which we may estimate the future of the Department. But whatever its future may be, we may say, judging from the past, that it will contribute its share to the glory of Purdue.







MR. WAESCHE.

PROF. PENCE.

MR. SEASTONE.

Civil Engineering Department.

WILLIAM DAVID PENCE, C. E., Professor of Civil Engineering.

B. S., University of Illinois, 1886; C. E., 1895; Tau Beta Pi; Instructor in Civil Engineering, University of Illinois, 1892-93; Assistant Professor, 1893-98; Associate Professor, 1898-99; Professor of Civil Engineering, Purdue, 1899; Assistant City Engineer, Columbus, 1884; Filled following positions: 1886-92, with the Gulf, Colorado and Santa Fe R. R.; Assistant Engineer, Roadmaster, Division Engineer of Maintenance of Way, and Resident Engineer; Member of American Society of Civil Engineers, Western Railway Club, Indiana Engineering Society, and Society for the Promotion of Engineering Education; author of "Stand Pipe Accidents and Failures," and various articles in technical periodicals and society reports.

GEORGE ELLSWORTH WAESCHE, C. E., A. B., Instructor in Civil Engineering.

A. B., Western Maryland College, 1891; C. E., Cornell University, 1895; Graduate Scholarship, Cornell, 1895-96; with Engineering Corps of Maryland Steel Co., 1892-93; with Union Bridge Co., New York City; Topographical Bureau, Columbia Electric Power Co., First Regiment, United States Volunteer Engineers in Porto Rico; Robins' Conveying Belt Co., 1896-99; Purdue, 1899.

CHARLES VICTOR SEASTONE, B. S., Instructor in Civil Engineering.

B. S., University of Illinois, 1895; with United States Engineers on Topographical and Hydrographical Survey of Mississippi River, 1895-97; Assistant in Theoretical and Applied Mechanics, University of Illinois, 1897-1900; Tau Beta Pi; Cement and Concrete Inspector in construction of Rock Island, Ill., filtration system; Summer of 1900, Engineer in construction of plate girder bridge over Rock River, Rockford, Ill.; Member of Illinois Society of Civil Engineers; Purdue, 1900.



HE Civil Engineering Department has, with the new century, attained a position among the engineering schools which it has long merited. It was almost pathetic to see this school struggling along with meagre equipment and two professors when the '01 class first came into existence at Purdue. The equipment has been trebled within the last year and now Purdue has one of the finest instrument rooms possessed by any college in the United States, with a superb equipment consisting of the latest and best models of all instruments.

The curriculum from the freshman year to the last lap of the senior year, shows the course to be complete, and, with the capable professors who comprise the faculty, nothing more complete is desired in a civil engineering course.

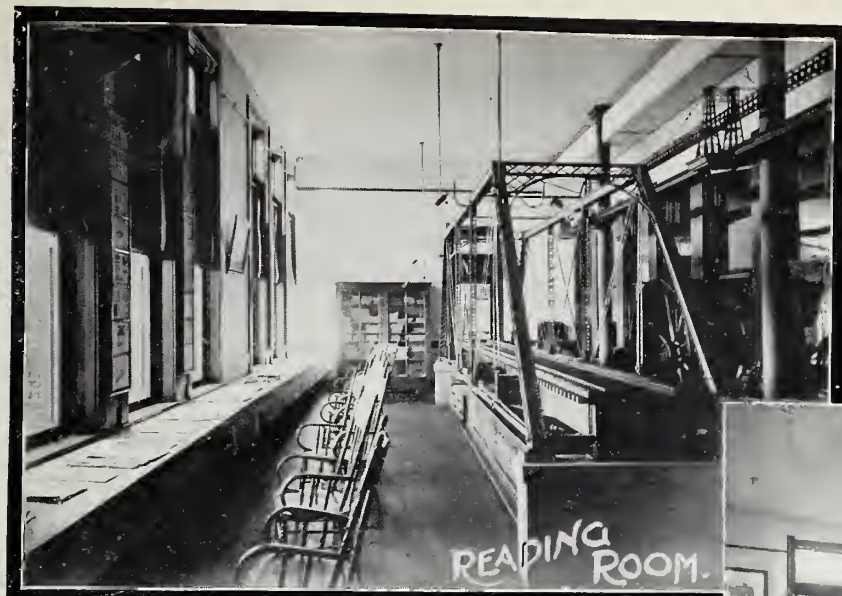
Railroad work is kept preëminent. Almost as soon as one is taught the use of the instruments, he learns to run in curves and grades. During the junior year he locates a branch of a railway and studies the items of first cost and cost of maintenance. Following this, the economic theory of the location of railways is studied. This last study is well worthy of mention, for it shows the enormous energy of the senior civils. Mr. Wellington, the far-famed author, has given his views on the economics of location in a beautiful volume bound in blue and gold, and containing nine hundred and eighty odd pages. This volume is studied in eleven weeks of three recitations each, or about thirty pages of fine print per recitation. This ordinarily furnishes plenty of light reading for the seniors.

The Civil Engineering Department would not be complete without mention of the professors under whose care the future engineers are placed. Professor Pence, who is now head of the department, is an engineer as well as an educator of prominence and great experience. He was formerly with some western roads as engineer of maintenance and structures, and later was Professor of Engineering at University of Illinois. Professor Hatt is one of the foremost of material experts in the United States, and enough is said when one mentions that strength of materials was taught him by Professor Hatt. Associated with Professor Pence are Mr. Waesche, of Cornell, and Mr. Seastone, of University of Illinois, two very capable instructors. The untiring energy of this corps keeps the civils in a state of activity during their course and turns out engineers who bid fair to take positions of prominence and trust very early in life.

Purdue loses many of its civils before they graduate, because of the tempting positions offered them. This speaks well, for it shows the esteem in which students of this department are held and their desirability. Out of the '01, which was one of the largest that ever entered Purdue, about one-half have already taken positions. They are widely scattered: One in Texas; one near Hudson Bay, Canada; two in New York; several in the Far West; and a number in Illinois and Indiana.

This is the best recommendation that can be given a college—that its students are sought after. And this is very true. Many fine positions are held by the graduates, and all the men who complete their course this year have already secured positions of responsibility—which reflects great credit on the Civil Engineering Department of Purdue.

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MR. MAHIN.

MR. TEST.

MISS GOLDEN.

MR. RANSOM.

PROF. ARTHUR.

PROF. EVANS.

PROF. COULTER.

MR. BURRAGE.

Department of Science.

STANLEY COULTER, A. M., Ph. D., Professor of Biology and Director of the Biological Laboratory.

A. B., Hanover College, 1871; A. M., 1874; Ph. D., 1888; Beta Theta Pi; Graduate Wabash College and Harvard University; Studied at Pasteur Institute, Paris, and University of Bonn; did Research Work in the Herbaria of the Jardin des Plantes, South Kensington Museum and Kew Botanical Gardens; Principal, Logansport High School, 1873-80; Professor of Science, Coates College, 1885-87; Professor of Biology, Purdue since 1887; Instructor in Botany in Summer School University of Wisconsin, 1891, and at Winona Summer School since 1895; President, Indiana Academy of Science, 1896; Fellow in same; Fellow of American Association for the Advancement of Science; Member Western Association of Naturalists.

JOSEPH CHARLES ARTHUR, D. Sc., Professor of Vegetable Physiology and Pathology.

B. S., Iowa Agricultural College, 1872; M. S., 1877; D. Sc., Cornell, 1886; Sigma Xi; Demonstrator in Biology at Iowa Agricultural College, 1877-78; Instructor in Botany, University of Wisconsin, 1879-81; Lecturer in Botany, Summer School of University of Minnesota, 1882; Botanist, New York Experiment Station, 1884-87; present position since 1887; Member Philadelphia Academy of Natural Science, Indiana Academy of Science, Minnesota Academy of Natural Sciences, Societe Mycologique de France, Society for the Promotion of Agricultural Science, American Carnation Society, Botanical Society of America, American Society for the Advancement of Science.

PERCY NORTON EVANS, B. S., Ph. D., Professor of Chemistry and Director of the Chemical Laboratory.

B. S., McGill University, 1890; Assistant in Chemistry, McGill University; Student, University of Leipsic, under Professor E. von Mayer, 1891-93; Ph. D., 1893; Honorary Fellow Clark University, 1893-94; Assistant in Chemical Laboratory, Wesleyan University, 1894-95; Instructor in Chemistry, Purdue, 1895-96; Associate Professor, 1896-1900; present position since 1900; Member Indiana Academy of Science.

SEVERANCE BURRAGE, S. B., Instructor in Sanitary Science.

S. B., Mass. Inst. Tech., 1892; Assistant in Biology, Mass. Inst. Tech., 1892-93; Assistant Biologist, Massachusetts State Board of Health and Lecturer on Microscopical Examination of Drinking Waters, Mass. Inst. Tech., 1893-95; present position since 1895; Delta Kappa Epsilon; Member, American Public Health Association, Society for the Promotion of Engineering Education, American Society of Naturalists, Indiana Academy of Science; Honorary Member, Tippecanoe County Medical Society; author with H. T. Bailey of "School Sanitation and Decoration;" Lecturer on Sanitation and Hygiene, St. Elizabeth's Hospital Training School for Nurses.

KATHERINE ELIZA GOLDEN, M. S., Instructor in Biology.

Graduate State Normal School, Salem, Mass., 1886; B. S., Purdue, 1890; M. S., Purdue, 1892; Assistant Botanist, Indiana Experiment Station, 1890-93; present position since 1893. Fellow Indiana Academy of Science; Fellow American Association for the Advancement of Science; Fellow of National Science Club; Member of Staff of St. Elizabeth Hospital Training School for Nurses.

WILLIAM HENRY TEST, M. S., Instructor in Chemistry.

B. S., Purdue, 1892; M. S., 1893.

JAMES HARVEY RANSOM, A. M., Ph. D., Instructor in Chemistry.

B. S., Wabash College, 1890; A. M., 1893; Tutor, Wabash College, 1890-91; Assistant in Chemistry and Mineralogy, 1891-93; Professor of Chemistry and Physiology, Chicago Manual Training School, 1893-97; Graduate Student, University of Chicago, 1897-99; Ph. D., Chicago, 1899; Lecture Assistant, University of Chicago, 1897-1900; Instructor in Chemistry, Purdue University, 1900; Member der Deutschen Chemischen Gesellschaft, 1895-99; Indiana Academy of Science.



PURDUE University has long been known by its reputation as a School of Engineering rather than as a Scientific School. Within the last few years, however, the School of Science has forged to the front, and now presents a course in Biological, Chemical and Physical Sciences, and their application, which is excelled by no college or university west of the Alleghenies. That the Department of Science is attracting widespread attention is evidenced by the great and rapid yearly increase in the number of students who come to take up their studies along the line of the natural sciences.

In the Freshman year the work is similar in all the courses of this department. The subjects taken up are French and German, Mathematics and Free-Hand Drawing. Elementary Botany and Chemistry are also given attention. Throughout the entire course, especial stress is laid upon the work in Biology and Chemistry.

With the commencement of the Sophomore year the courses begin to differ, and the student selects that line of work which he prefers. From this time on he puts the greater part of his time upon his major subject.

The Biological Department occupies the eastern half of Science Hall. The lecture rooms and laboratories are well lighted and roomy, and supplied with a complete line of all the instruments and apparatus necessary in biological research. The work in this department in the Freshman year consists in a preliminary study of Botany, taking up the general morphology and taxonomy of a number of specimens from the local flora. Under the efficient direction of Miss Golden, the Freshman here obtains his first insight into the great problems of biology.

In the Sophomore year this line of work is continued, comprising investigations of the structure of a series of the more complex animals and plants. The students prepare and mount sections of these forms for microscopical examination, and also

make ink drawings of them, showing both the naked eye and microscopical appearance. This work also is under the direction of Miss Golden.

In the Junior and Senior years the course is divided under the separate heads of Botany and Zoölogy. Under the head of Botany, the Juniors consider Vegetable Histology and Morphology, which includes investigations of the minute structure and development of plants. In the Senior year the classification of plants is taken up, comprising a study of the entire plant kingdom. This work is carried on under the instruction of Doctor Coulter, whose extensive studies and research work along this line in well-known institutions of learning render him peculiarly well fitted for this responsible position.

The course in Zoölogy is designed especially as a pre-medical course. It comprises, in the Junior year, Microscopic Technique, Normal and Pathological Histology, Anatomy and Dissection. The former teaches the methods of hardening and infiltrating different tissues for section cutting, the use of the microtome in cutting sections, and the staining and mounting of the same. A very thorough course in Normal and Pathological Histology is presented, giving a careful comparative study of the more important tissues in conditions of health and disease. An extensive line of slides illustrating these conditions is prepared by each student.

The Anatomy embraces Osteology, Dissection, and a study of the circulatory system. A complete skeleton and a number of disarticulated human bones are placed at the disposal of the students in this subject. The dissection is that of muscles, nerves and bloodvessels of the lower vertebrate forms.

In the Senior year Human Physiology and Embryology are given. The physiological work consists of a series of experiments upon temperature, pulse rate, muscular activity, *etc.*, in addition to text-book work. In Embryology the development of the embryo in eggs is carefully watched, and sections of the same, illustrating the growth at various periods, are made and mounted. The entire subject of Zoölogy is under the direction of Doctor Coulter.

In the rear of the Biological Department is situated the Bacteriological Laboratory, of which Mr. Severance Burage is director. This laboratory is well equipped with a complete line of apparatus necessary in bacteriological analysis and research. A thorough course is given in the examination and recognition of many forms of bacteria, both pathogenic and non-pathogenic, and in the preparation and use of various culture media.

The Chemistry Laboratories occupy the western half of Science Hall, and are well equipped for work in both Organic and Inorganic Chemistry. The Freshman class, which occupies the large middle laboratory, is trained in the manipulation of apparatus, and makes an experimental study of some of the more important non-metallic elements and compounds.

The Sophomore class, which also occupies this laboratory, takes up during the first part of the year, blow-pipe analysis, learning the characteristic reactions of the important metals and identifying the same in unknown substances. The last half of

the year is spent upon Qualitative Analysis, a systematic determination of acids and bases in known and unknown solutions. Throughout the year, lectures on Technical Inorganic Chemistry are given by Dr. Evans, based upon the relation of inorganic chemistry to the various industries.

In the Junior Laboratory, at the rear and west side of the building, are performed a series of experiments in Quantitative Analysis. Practical determinations of the amounts of certain metals or acids in various substances, and the preparation and application of standard and normal solutions, are made.

The Senior Laboratory occupies the front part of Science Hall. Here are carried on investigations in Organic and Physiological Chemistry. The former consists in the preparation and examination of various organic compounds, such as alcohol, ether, chloroform and iodoform. The Physiological Chemistry embraces investigations of the composition and action of digestive fluids, examination of blood, and the detection and estimation of normal and abnormal constituents of urine.

The course just described is the regular required line of study. An elective course, however, may be taken, which permits a greater amount of time to be given to the subject, and which fits graduates for positions as analytical and technical chemists. The Chemistry Department is ably directed by Doctor Evans, assisted by Messrs. Ransom and Test. Doctor Evans supervises the Senior Organic and Physiological work; Mr. Test, the Quantitative Analysis of the Juniors; and Mr. Ransom the preparatory work of the Freshmen and Qualitative Analysis of the Sophomores.

Both the Biological and Chemical Departments have large and carefully selected libraries of standard books of reference, to which the students have free access.

To the student desiring to study medicine, the School of Science offers unusual advantages. All medical colleges are becoming more strict each year in their requirements for admission. Within the next few years the prospective medical student must present a degree of Bachelor of Science or Arts before he will be permitted to enter. Even though that is not the case at the present time, still the college man who has taken a course which has for its aim preparation for medical school, has a tremendous advantage over the man who has not had such preparation. The Pre-Medical Course, under the efficient direction of Doctor Coulter, is such a course. It thoroughly prepares for medical college, and a graduate in this line obtains credits in medical school equivalent to the first year's work. In this preparation the Pre-Medical Society is a most valuable aid.

The would-be technical chemist can find no better place to prepare himself for his chosen work than Purdue University. This line of work receives especial attention in Chemistry Department, and Purdue men who have graduated from this course hold responsible positions all over the United States.

The General Science course offers a valuable preparation for the teacher. A line of work is given covering Languages, Mathematics and Physics, Botany and Biology, which enables the student to become a capable instructor in these subjects.





MR. VAN NORMAN.

MR. CRAIG.

MR. SKINNER.

PROF. PLUMB.

PROF. TROOP.

PROF. LATTÄ.

PROF. HUSTON.

Department of Agriculture.

WILLIAM CARROLL LATTA, M. S., Professor of Agriculture, and Agriculturalist Indiana Experiment Station.

B. S., Michigan Agricultural College, 1877; M. S., 1882; Foreman Horticultural Department, Michigan Agricultural College, 1880; Assistant, Agricultural Department, 1881; Superintendent, Indiana Farmers' Institute, 1889; Member, A. A. A. S., American Association Farmers' Institute Workers.

CHARLES SUMNER PLUMB, B. S., Professor of Animal Industry and Dairying, and Director of Experiment Station.

Massachusetts Agricultural College, 1882; Associate Editor "Rural New Yorker," 1883-84; First Assistant New York Experiment Station, 1884-87; Professor of Agriculture, University of Tennessee, and Assistant Director, Tennessee Experiment Station, 1887-90; Editor and Publisher of Agricultural Science, Vols. I-IV; Secretary and Treasurer of Society for the Promotion of Agricultural Science, 1895-99; Fellow, A. A. A. S.; President Indiana State Dairy Association, 1891-96, and 1901; President, American Cheviot Sheep Society; Secretary, Indiana Wool Growers' Association; President, Inter-Collegiate Live Stock Association; Author of "Biographical Directory," American Agricultural Scientists, 1889, pp. 100, "Indian Corn Culture," 1895, pp. 247.

JAMES TROOP, M. S., Professor of Horticulture and Entomology, and Horticulturalist, Indiana Experiment Station.

B. S., Michigan Agricultural College, 1878; M. S., 1882; Assistant in Botany and Horticulture, Michigan Agricultural College, 1880-83; Member, A. A. A. S.; Vice-President, American Forestry Congress; Member, American Pomological Society; Secretary, Indiana Horticultural Society, and State Entomologist.

HENRY AUGUSTUS HUSTON, A. M., A. C., Professor of Agricultural Chemistry; State Chemist of Indiana, and Director Indiana Weather Service.

A. B., Boudoin, 1879; A. M., 1882; A. C., Purdue, 1882; Zeta Psi; Assistant, Chemistry and Physics, Boudoin, 1879-80; Teacher of Science, La Fayette High School, 1880-82; Principal, 1882-84; Professor of Physics, Purdue, 1884-88; Acting State Chemist, 1884-87; President of the Association Official Agricultural Chemists, 1894-95; Fellow, A. A. A. S.; Member, American Chemical Society.

ARVILLE WAYNE BITTING, B. S., D. V. M., M. D., Professor of Veterinary Science.

B. S., Purdue, 1891; D. V. M., Iowa State College, 1895; M. D., Indiana Medical College, 1900; Veterinarian, Florida Agricultural College and Experiment Station, 1891-93; Veterinarian to Purdue University and Experiment Station, 1893; Fellow, Indiana Academy of Science; Member, Indiana Medical Society, A. V. M. A.; Staff, St. Elizabeth's Hospital Training School.

ROBERT ALEXANDER CRAIG, D. V. M., Instructor in Veterinary Science.

D. V. M., Iowa State College, 1897; Assistant Veterinarian, Iowa State College; Member of Veterinary Medical Society; A. V. M. A.

JOHN HARRISON SKINNER, B. S., Assistant Agriculturalist.

HUBERT EVERETT VAN NORMAN, Assistant in Dairying.



THAT the success of a nation in international affairs depends, primarily, more upon her agricultural resources than upon any other one industry, is a fact that has been demonstrated in history from time immemorial. Consistent with this fact, the growth of the power of the United States since its settlement until the present day, which marks it among the leading nations, has been accompanied by an extremely flourishing condition of all the branches of agriculture. However, this flourishing condition, brought about largely by the great extent of the public domain and the ease with which new and valuable lands could be obtained in the past, has produced extensive, and consequently exhaustive, methods of agriculture which are rapidly reducing our cultivated lands to the conditions in which careful, intensive farming is necessary in order that our country may not suffer. In view of this fact, the government of the United States has deemed it of importance to originate and support various educational institutions for the purpose of giving instruction in intensive methods and more economic systems of utilizing the natural resources. Among these institutions are the schools of agriculture.

Purdue University School of Agriculture, although not so fully equipped, perhaps, as some neighboring schools, stands among the leaders in curriculum and thoroughness of work. The nature and scope of the work presented is such that a general, as well as a technical education is given the student. He not only obtains a mass of facts concerning the chemical, physical and biological processes relative to his occupation, but also acquires the powers of observing and reasoning—the two agencies by which facts are correlated and put into practice.

The Agricultural Department is divided into seven divisions, each of which offers opportunities for specialization. Entomology, Horticulture, Animal Industry, Agricultural Physics, Agricultural Chemistry, Botany and Veterinary Science constitute the technical work of the school. The several instructing corps of these departments are specialists, who are kept in touch with the conditions and requirements of their particular lines of work by their connection with the Experiment Station, and their work among the farmers of the State and country.

The Experiment Station, in connection with the School of Agriculture, furnishes advantages in its farm, equipped with buildings, implements and live stock; in its laboratories and appliances; and in the methods and results of its work.

Thus theory and practice are both incorporated into the work of the school.

The material equipment of the School of Agriculture at present cannot, in itself, be considered a subject for eulogy, yet it is variously supplemented until we do not wish to class it as inferior to others of its kind, except in magnificence. The stock farm of the State, in connection with the great stock shows, furnishes ample material to supplement the stock of the Station in

the study of animal industry, while in the laboratories of the Station and College are found as full equipment as could be desired to pursue the study of Chemistry, Bacteriology, Entomology, Veterinary Science and other lines. However, in the departments of Soil Physics and Dairying, the equipment is inadequate when we consider the marked progress in these branches of science. The Veterinary Museum, as well as the Veterinary Clinic, available to students of this course, rivals those of the regular veterinary colleges in variety and extent. The work and experience obtained in this one department entitles the graduate to two years' credit in any veterinary college.

In connection with the technical part of the school there is combined a training in Mathematics, Literature, History, Art and Science, all of which pervade, more or less, the work of the student throughout the entire course. He becomes acquainted with the best in literature and art, and acquires the power of interpreting the same. He learns the methods and results of scientific investigations and the laws deduced therefrom. He acquaints himself with the causes of natural phenomena and acquires the ability to generalize.

Thus the School of Agriculture imparts knowledge to those who wish to become farmers, who can meet the demands of the twentieth century with the least possible destruction of the Nation's resources, and with the greatest profit to themselves. Its aim, primarily, is not to fit men for salaried positions in any line of work, but rather to fit them to till the soil and help increase the Nation's wealth by production of economic goods of superior quality, and at a minimum expense of the soil fertility. Some deem it unnecessary, and even foolish, to spend four valuable years in preparation for a life on the farm, but they who take this view are ignorant of the tremendous problems of agriculture and the benefits to be derived from such a course. The life of a farmer who has taken such a course and is a student of his business, is healthful, independent, profitable and full of pleasures.

The Winter Course.

It is difficult to introduce a new movement and to make it to any extent effectual without first passing through various stages of development. The faculties of our agricultural schools recognized this fact and acted upon it when they arranged the various courses in our colleges for farmers. They felt the need of a course that would bring into closer relations the farming masses, and the men and schools of higher education in their profession.

The farmer was not, and in fact is not yet, fully ready for the university training in his profession. He had not been so quick to see the need of higher education in his business, because nature had been benevolent to him and had given freely

of her wealth. But when the change of sentiment began, a demand arose among a large class of young farmers who had not time or means to take a longer course, for a short, practical, condensed training in the science of agriculture and husbandry under the supervision of competent men. This demand was met by the Winter Course. The Winter Course in Agriculture at Purdue University covers the two winter terms, each extending from January to April. It embraces work in Live Stock, Husbandry, Farm Dairying, Veterinary Hygiene, Soils and Crops, Horticulture, Entomology, Agricultural Chemistry, Sanitation, Vegetable Parasites, and Rural Law. Shop exercises in wood and iron are also open to students of this course. While this is open to men and women, special work for the farmers' wives and daughters is provided in Domestic Science, Botany, Drawing, English Floriculture, and Music. While the last mentioned subjects are, as a rule, more interesting to the women, some have taken the regular work and have been very successful.

The work in this department differs from that of the regular courses, in that a minimum amount of text-book study is required, and lecture and laboratory exercises constitute the most of the class work. This feature renders the work of much more value to the students, as they are taught to practice and apply the correct methods, rather than to evolve methods from underlying principles. Everything in the course is of direct practicability, and when the young man returns to the farm, the good results are immediate.

The work for young women is not less valuable or interesting. Young farmers have brought their wives, who have been very materially benefited and have gone away more companionable and intelligent home-makers.

Aside from the practical training there is development for the students. It affords an opportunity for them to see the breadth of their vocation, and many are led to take up the more thorough work of the regular courses. Indeed, a large per cent. of our regular students first became acquainted with the work in the Winter Course.

The Winter Course does not take the place of the more thorough education, but in a measure forms a means whereby the farmer may become appreciative of the value of thorough technical preparation in his life work.





MR. SPITZER.

PROF. STURMER.

PROF. GREEN.

MR. HOAK.

MR. VANDERKLEED.

Department of Pharmacy.

ARTHUR LAWRENCE GREEN, Ph. C., M. D., Ph. D., Dean and Professor of Chemistry in School of Pharmacy.
Ph. C., University of Michigan, 1882; M. D., Indiana Medical College, 1894; Ph. D., Franklin College, 1895.

JULIUS WILLIAM STURMER, Ph. G., Professor of Pharmacy.

Ph. G., Purdue, 1891; Chairman of the Committee on Pharmacy of the Indiana Pharmaceutical Association; Delegate to the Convention for the Revision of the U. S. Pharmacopoeia.

GEORGE SPITZER, Ph. G., Lecturer on Operative Pharmacy.
Ph. G., Purdue, 1889.

BENJAMIN MARTIN HOAK, Ph. G., Instructor in *Materia Medica*.
Ph. G., Purdue, 1892.

CHARLES EDWIN VANDERKLEED, Ph. G., Ph. C., B. S., A. C., Assistant in Chemistry.

Ph. G., Purdue, 1895; Ph. C., Purdue, 1896; B. S., 1899; A. C., 1901. Resigned, April 1st, 1901, to take position with Sharp & Dohme, Baltimore, Md., as Analytical Chemist.



ON THE west side of the most beautiful campus in the United States is situated a school of pharmacy second to none. Its preëminence has long been established, and if the work is continued as it has been in recent years, it will mean much for each and every alumnus.

The faculty of this department should be given great praise for bringing this department up to its present high standard. Handicapped by limited space in laboratories and lecture rooms they have graduated large classes, and in such a way that every one of the graduates holds a good position, for men having the degree of Ph. G. or B. S. conferred upon them by Purdue University are always in demand.

The building in which the mysteries of pharmacy are taught is the nucleus of the foremost technical school in America, and, therefore, is the oldest and most dilapidated. It was Doctor Smart's wish that this department should receive the much-needed new building, and had he lived there is no doubt but that his intention would have been carried out. Our new president does not look upon us as his predecessor did, so we can only hope for the best. When the committee from the State

Legislature visited Purdue last fall, they were not permitted to inspect the pharmacy building for fear they would grant a new one without Doctor Stone's asking for it, thereby spoiling all his plans for a new chapel (?) and several less-important things.

Professor Green and his efficient corps of associate professors have, by their untiring efforts, brought this school to a very high degree of perfection, which is shown by the fact that very few people of Indiana go out of the State to obtain an education in this line.

When one first starts in this course, he is taken in charge by Professor Green and taught the mysteries of chemistry, both inorganic and organic, and later on the weird knowledge of physiological chemistry, which is always appreciated in after life.

Under the careful instructions of Professor Hoak he learns the English, Latin and scientific names of most all the drugs used in the treatment of disease.

Professor Sturmer has charge of the subject of pharmacy and it is needless to say that it is well taught. The student is taught to make, in the laboratory, all the most important preparations found in the United States Pharmacopœia, and as this is very important, much time is devoted to it.

In qualitative analysis the student learns how to separate all of the metals by a scheme of Professor Green's; and it can be said that it is one of the best known to science. When he returns for the second year's work, the same professors instruct him in organic chemistry, *materia medica*, manufacturing chemistry and pharmacy, quantitative analysis, toxicology, pharmaceutical assaying, analysis of urine, microscopic analysis of drugs, and prescription work.. After all these subjects have been carefully gone over, there is a final examination conducted by the Committee of Education of the Indiana Pharmaceutical Association and the faculty of the School of Pharmacy. No student is allowed to take this examination unless his previous scholarship is satisfactory.

The pharmacy law of the State requiring all persons selling at retail, or compounding for sale at retail, any poison, or compound containing a poison, to be duly licensed, has caused the number of students to increase greatly, as any person not a graduate of some school of pharmacy could never hope to pass this much dreaded examination.

In the past year Professor Vanderkleed has analyzed the stomachs in two poison cases. The first was the Hasenfuss case in Ft. Wayne, in which he found 11½ grains of arsenic. It was largely due to his evidence that the murderer was sentenced to a term of twenty-one years. The second case was at Fowler, Indiana, in which he found one-half grain of strychnine.

Professor Sturmer has been collecting data for a "Lab. Manual in Manufacturing Pharmacy," which is expected to make its appearance very shortly after the advent of the United States Pharmacopœia of 1900.

In his more recent experimental work he dealt with the following subjects: Gum-resin emulsions, ethyl nitrite, spirit of nitrous ether, phosphorus preparations, pill coating, preparations of castor and cod-liver oil.



Lecture Room



Senior Laboratory



Pharmacy Work



Pharmacy Bldg



	MR. QUINN.	MR. NYE.	MR. SMITH.	MR. SLIMP.	
MR. JAMISON.	MR. MORGAN.	PROF. GOLDEN.	MR. TURNER.	MR. HOFFMAN.	

Department of Practical Mechanics.

M. J. GOLDEN, M. E., Professor of Practical Mechanics.

Special Student, Mass. Inst. Tech., 1881-83; Instructor in Drawing, Hyde Park, Mass., High School, 1883; Instructor in Shops, Purdue, 1883-90; present position since 1890. Member, Indiana Academy of Science, American Society of Mechanical Engineers, Franklin Institute, Manual Training Teachers' Association of America.

W. P. TURNER, Instructor in Machine Works.

Graduate of School of Mechanic Arts, Mass. Inst. Tech., 1886; Member of Society for the Promotion of Engineering Education, American Society of Mechanical Engineers.

J. D. HOFFMAN, Instructor in Wood Work.

Apprentice Machinist, 1882-86; B. M. E., Purdue, 1890; M. E., 1893; with Buckeye Engine Co., summer of 1890; present position since 1890. Tau Beta Pi; Junior Member, American Society of Mechanical Engineers; Member of Indiana Academy of Science.

A. P. JAMISON, B. M. E., 1895; M. E., 1897; Instructor in Mechanical Drawing.

Student Assistant in Wood Room and Drawing, 1895-97; Instructor in Foundry and Assistant in Drawing, 1897-99; present position since 1899. Junior Member, American Society of Mechanical Engineers.

SAMUEL MORGAN, Instructor in Forge Room.

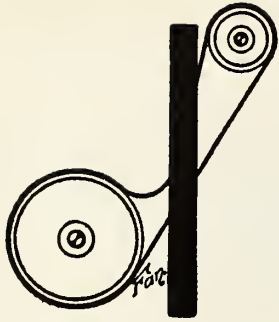
Formerly with C., C., C. & St. L. R. R. and the Atlas Engine Works; Member of the National Railway Master Blacksmiths' Association.

C. H. QUINN, B. E. E., 1899; Instructor in Foundry.

W. M. NYE, B. E. E., 1900; Assistant in Wood Room.

E. B. SMITH, B. E. E., 1900; Tau Beta Pi; Assistant in Machine Room.

O. F. SLIMP, B. E. E., 1900; Assistant in Mechanical Drawing.



N looking at the finished products of any manufacturing establishment, one seldom realizes the amount of work necessary to produce them, unless he himself is interested in the manufacture, or has taken part in the production. It is only when a man comes in contact with tools, and the men who handle them, that he can appreciate the length of time and the pains necessary to acquire the skill of the artisan, whose time is of value to the manufacturer.

The average freshman who takes up the study of engineering at Purdue, not only fails to appreciate these things, but he is ignorant of the nature of some of the commonest tools. It is true that he has seen chisels, saws, hammers, and many other common tools, but he has very faint ideas, if any, concerning the different tools required for different kinds of work, or of the pains necessary in handling them to any advantage. His previous training has had practically no connection with the work of a technical school.

It is evident, therefore, that the instruction must be of the most elementary character at first; and that the progress must be very rapid, to give the student an adequate idea of the work. It must be thorough, too, if it is to be of lasting benefit. With this in mind, the function of the Department of Practical Mechanics, and the difficulties which Professor Golden and his corps of instructors are called upon to face, may be somewhat appreciated. They must bring the under-classmen in contact with phases of work and thought with which they are, for the most part, entirely unfamiliar. In fact, none of them can be familiar with many of the things they are called upon to learn. Yet it is expected that, at the end of two years, the student will be able to discuss shop practice intelligently, to apply what he has learned to the design of machinery, and to be able to grasp the more intricate technicalities which engross his attention during the Junior and Senior years.

During the Freshman year, Professor Golden lectures on the theory of shop work; and in the drawing-room, woodshop, and foundry, the students put into practice what they learn in the lecture room. In the drawing-room they make drawings of various parts of machines. Then in the woodroom, they make patterns according to the drawings, and in the foundry they use the patterns for making molds.

During the Sophomore year, the shop work is done in the forge shop and machine shop. The lectures of the first year's work are superseded by recitations in descriptive geometry.

The equipment of the shops, while not so heavy as that of a large majority of manufacturing establishments, is of such a nature as to give the student a good idea of the various kinds of machines used on different classes of work. Additions are made from time to time, in order to keep up with the most advanced practice. The turret lathe in the machine shop was the first of its kind to be used in a technical institution. In the foundry a traveling crane has just been installed. A trimmer, for use in pattern-making, has been added to the woodroom equipment; and various minor improvements have been made in the forge room.



Wood Shop.



Shop



Foundry



Forge Room



MR. OSBORNE.

PROF. TEST.

PROF. ALFORD.

PROF. WALDO.

MR. KENVON.

PROF. STEVENS.

MR. WESTLUND.

Department of Mathematics.

CLARENCE ABIATHAR WALDO, A. M., Ph. D., Head Professor of Mathematics.

A. B., Wesleyan University, 1875; A. M., 1878; Professor of Mathematics and Natural Science at Drew Female Seminary, 1875-76; Professor of Mathematics and Latin, Hackettstown Collegiate Institute, 1876-77; Instructor in Mathematics and Registrar at Wesleyan, 1877-81; Professor of Mathematics and Vice-President, Hackettstown Collegiate Institute, 1881-82; Studied in Universities of Leipsic and Munich, 1882-83; Professor of Mathematics, Rose Polytechnic Institute, 1883-91; Professor of Mathematics, De Pauw University, 1891-95; President, Indiana College Association, 1891; Fellow of American Association for the Advancement of Science, 1894; President, Indiana Academy of Science, 1895; Treasurer of Society for Promotion of Engineering Education, 1899-1900; Member North Central Association of Colleges and Secondary Schools; contributed many articles to Mathematical Journals; Author of "Descriptive Geometry."

MOSES COBB STEVENS, A. M., Professor of Higher Mathematics.

A. M., Earlham College, 1882; Professor of Mathematics, Haverford College, 1858-62; Principal, Salem, Ohio, High School, 1867-76; present position since 1883. Member, Indiana College Association; Fellow, Indiana Academy of Science; Life Member, National Educational Association; Member of American Mathematical Society; contributed many articles to Mathematical Journals.

THOMAS GREENE ALFORD, A. M., Professor of Mathematics.

A. B., Indiana University, 1871; A. M. in Pedagogy, Indiana University, 1888; Teacher in District Schools, 1871-74; Student, Indiana Normal School, 1874-75; Principal, Princeton High School, 1875-77; Professor, Vincennes University, 1877-79; Principal, Washington High School, 1879-81; Superintendent of Schools, Vevay, Ind., 1881-84; Principal, High School No. 2, Indianapolis, 1884-89; Supervising Principal Indianapolis Public Schools, 1889-92; Professor of Mathematics, Purdue, 1892; Phi Kappa Psi; State Teachers' Association since 1875.

ERASTUS TEST, A. M., M. D., Professor of Mathematics.

M. D., University of Michigan, 1868; M. S., Earlham, 1886; Professor of Botany and Chemistry, Earlham, 1865-72; Professor of Chemistry, Williamette College, 1876; Principal, Raisin Valley Seminary; Patron, Central Academy, Plainfield, Ind.

ALFRED MONROE KENYON, A. M., Instructor in Mathematics and Registrar of the University.

A. B., Hiram College, Hiram, Ohio, 1894; Teacher in High School, Wellington, Ohio, 1894-96; Graduate Student, Western Reserve University and Case School of Applied Science, Cleveland, Ohio, 1896-97; Graduate Student, University Scholar in Mathematics, Harvard University, 1897-98; Degree of A. M.; Instructor in Mathematics, Purdue, 1898; Registrar, 1900.

WINFRED HORTON OSBORNE, A. B., Instructor in Mathematics.

A. B., Harvard, 1897; Instructor in Mathematics, Purdue, 1899.

JACOB WESTLUND, Ph. D., Instructor in Mathematics.

Graduate of the Gymnasium of Orebro, Sweden, 1885; Student at the Universities of Upsala and Stockholm, 1885-87; Yale University, 1894-95, 1896-98; Ph. D., Yale, 1898; Professor of Mathematics and Physics, Bethany College, Lindsberg, Kans., 1889-96; Instructor in Mathematics, Yale, 1896-1900; Purdue, 1900; Member American Mathematical Society, Deutsche Mathematiker Vereinigung, Indiana Academy of Science; Author of "Outlines of Logic," and contributor to various Mathematical and Scientific Journals.



LL technical work is dependent more or less upon the application of mathematical principles. Even in such technical studies as do not require the direct application of higher mathematics, the training afforded by its study is invaluable. And in a school like Purdue University, where the various branches of engineering are taught, it is of special importance that the Department of Mathematics be strong.

A common criticism of technical schools is, that the mathematical instruction is not of a practical nature, too much attention being given to theoretical work. This criticism is being recognized by technical schools, and, in Purdue especially, an attempt has been made to give the technical student just such mathematical training as he can apply to best advantage. The mathematics of the class room is applied directly to the laboratory and drawing-room work.

The entrance requirements in mathematics are so low that the engineering student has to spend more time in this study than students of other technical schools of equal rank. While it might be better if the student could give some of the time spent in the study of mathematics to the study of some subject that bears more directly upon his chosen profession, yet the greater thoroughness of the instruction given here should not be overlooked. However, with the beginning of next school year, the entrance requirements in mathematics will be raised. But even then they will be lower than those of the majority of technical schools.

Purdue has been especially favored in the corps of professors and instructors in the Department of Mathematics. The acquisition of Messrs. Kenyon, Osborne, and Westlund has strengthened the department very much. During the past year a very interesting series of discussions of the integration of elliptic functions was led by Mr. Westlund. These lectures were attended by the members of the mathematics department, and by senior and graduate students.

The increase in attendance at Purdue last year forced the University management to turn the south end of the dormitory into recitation rooms for the accommodation of the mathematics department. It was too bad to deprive a large number of newcomers of the pleasures of dormitory life, but the increased facility with which the under-classmen can be attended to, justifies the change.





MISS DOAN.	PROF. DAVIES.	PROF. MCRAE.	MISS SHOEMAKER.	MR. JONAS.
	PROF. MORAN.	MR. HEISS.	PROF. FLUEGEL.	

Department of Literature, History and Language.

EMMA MONT. McRAE, A. M., Professor of English Literature and Lady Principal.

Educated at Brookville College, Brookville, Indiana; A. M., Wooster; Principal, Muncie High School, 1867-83; Principal, Marion High School, 1883-87; present position since 1887. Member, National Teachers' Association; Member, State Teachers' Association.

THOMAS FRANCIS MORAN, A. B., Ph. D., Professor of History and Political Economy.

A. B., University of Michigan, 1887; admitted to the Michigan Bar, 1887; Superintendent of Schools, Elk River, Minnesota, 1887-92; Graduate Student, Johns Hopkins, 1892-95; Ph. D., Johns Hopkins, 1895; held Scholarship in History in 1894, and Fellowship, 1894-95; Member, Phi Beta Kappa; American Historical Association; contributed many articles to Historical, Economic and Educational Magazines.

PAULINE MARIOTTE DAVIES, Ph. D., Professor of French.

Won Scholarship in Ecole Female Superiore, and later received a Diploma from the University of France; Professor of French, Bridgewater Ladies' College, England; Professor of French and General History, Findlay College, Ohio, 1885-95; Ph. D., Findlay College, 1895; Professor of French, Milwaukee and Denver Colleges, 1895-96.

ERNST FLUEGEL, Ph. D., Professor of German.

Graduate of the University of Bonn, 1889; Professor of Latin, Greek, German and History in a Prussian Gymnasium, 1889-90; Ph. D., University of Bonn, 1890; in the German Army, 1890-91; Instructor in Modern Languages, Boston School of Languages and Windsor Hall School, Boston, Mass., 1896-97; Instructor in Modern Languages, Tufts College, Mass., 1897-98; Instructor in German, University of Michigan, 1898-99; present position since 1899; author of a number of articles upon Roman, Greek and German Literature and History; Editing a Technical German Reader; correspondent for the Koelnische Zeitung.

MARY DOAN, B. L., M. S., Instructor in English Literature.

B. S., Purdue, 1891; B. L., Earlham College, 1893; M. S., Purdue, 1892; Graduate Student, Cornell, 1893-95; Fellowship in English, Cornell, 1894-95; Principal, Hesper Academy, 1895-96; present position since 1896.

JOHANNES B. E. JONAS, A. M., Ph. D., Instructor in German.

Graduate of a German Gymnasium, 1893; A. B., University of Wisconsin, 1894; Instructor in German, University of Wisconsin, 1894-95; A. M., University of Wisconsin, 1895; Instructor in German, Morgan Park Academy, 1895-96; Fellow in Germanics, University of Chicago, 1896-99; Student, Berlin University, 1897; Ph. D., University of Chicago, 1899; President of Graduate Council, University of Chi-

cago, 1898; Editor of "Graduate Handbook," 1898; Member, Modern Language Association; International Correspondence Association; contributor to various Educational Publications and Editor of several German Works; Appointed Instructor of German, University of Chicago for Summer Quarter, 1901.

JOHN HEISS, A. M., Instructor in German.

A. B., 1893; A. M., 1900, Harvard; Principal, Bradford, Vt., High School, 1893-94; Student, Leipsic University, 1894-95; Instructor in Modern Languages, Colgate Academy, 1895-96; Instructor in Modern Languages, Leals University School, 1896-98; present position since 1900.

CAROLINE E. SHOEMAKER, M. S., Instructor in English.

B. S., Purdue, 1888; M. S., Purdue, 1889; present position since 1900.



THE work of the Department of Literature is intended to give the student the ability, not only to speak and write the English language correctly and effectively, but to open up to him the great mines of wealth in English and American literature.

The student who fails to master the English language and who is weak in its interpretation finds himself handicapped in every other line of work in the University. Proficiency in English may be likened to the Rosetta Stone, in that it is the key wherewith the doors of learning may be unlocked. Because of the importance and fundamental character of this work the department has been made quite strong, notwithstanding the fact that the University is a technical institution.

The work for the four years may be roughly outlined as follows: The work of the Freshman year consists of a drill in Composition work, in Rhetoric and a study of American Literature. In the Sophomore year a study is made of the literature of the periods represented by Milton, Pope, Burns, and Tennyson. The work of the Junior year consists of a study of English prose writers, special attention being paid to the essay and the novel. The origin and growth of the English language is also studied in this year, the work being presented in a series of lectures. In the Senior year Shakespeare and Browning are studied. Various lines of work are offered in Post Graduate Literature. Ruskin, Victor Hugo and Emerson have been taken up for the past two years.

The free and informal exchange of ideas in the more advanced classes of this department is certainly most beneficial and will, doubtless, in after years, be not the least pleasant of the recollections of college days.

The method employed in this department is strikingly educational rather than instructional. Mrs. Emma Mont. McRae, the head of the department, is so well known throughout this and adjoining States, as authoress, lecturer and educator, that comment upon her work is entirely unnecessary; however we might add that her ability and resources are best appreciated by those who know her as teacher.

Miss Mary Doan has been an instructor in this department for five years. Miss Doan is an alumnus of Purdue University and of Earlham College. She has also studied at Cornell University and at Chicago University. She is thoroughly proficient in her work. Miss Doan is a hard-working teacher and one who succeeds in getting hard work from her pupils.

Miss Caroline Shoemaker, also an alumnus of Purdue University, and a woman of broad culture, has been added to the list of instructors in the English Department this year.

The work in the Department of History and Economics is characterized by definiteness, thoroughness, and precision. Three distinct courses on History are offered; namely, General History, English History, and American History. The course in General History embraces the history of the Egyptians, the Chaldeans, the Phoenicians, the Hebrews and the Greeks, together with a careful consideration of the Feudal System, the Renaissance, the Reformation, the French Revolution, and the career of Napoleon I. One of the most beneficial features of the work in this department is the extensive acquaintance with writers of History and Political Economy, gained through extensive collateral reading.

The Library is well-equipped with works upon History and Economics by such writers as Stubbs, Hallam, May, Taswell-Langmead, Creasy, Gardiner, Green, Traill, Bryce, Cooley, Freeman, Curtis, Johnston, Sterne, Hare, Story, and Walker.

Lectures alternate with recitations. Topics are assigned the student for investigation. The recitation work does not consist in a dry rehearsal of facts, but the student is led to think, to consider and to deduct for himself a philosophy of history. The work in this department is carefully planned and ably executed.

As Purdue University is essentially a technical school, not so much attention can be paid to the German Department as at other institutions of a more classical nature. By no means, however, is this language neglected, and the knowledge gained from its study is of a practical as well as cultural nature, and enables the student to be more proficient in the line of work he has undertaken.

For students in the School of Science, the course in German is continued through the four years. The Freshman and Sophomore years are spent in the study of the grammar of the language, with composition work, and some easy reading. During the Junior and Senior years the student becomes acquainted with some of the German classics, and does some scientific reading along the lines of chemistry, biology, or whatever science he is interested in.

The course for Engineering students consists of only two years. During this time attention is paid to the grammatical construction of the language, and reading along literary as well as technical lines.

Purdue University offers a four years' course in French. The following is a brief outline of the work: First and fundamentally a study of verbs. First and all the time the study of grammar and composition. Then comes the reading of scientific French, the study of the History of French Literature and of writings purely literary in their character. The conversation drill is an important feature of the work. There is, naturally, a certain amount of drudgery to be done in the first two years, and yet one feels amply compensated for it, when, at the end of four years, he finds himself able to read, with perfect ease, the writings of such men as Balzac, Moliere, Corneille, Racine and Victor Hugo; when he finds that, aside from mental discipline acquired in the work, aside from a fair understanding of spoken French, he has, at least, a birdseye view of the great French literature. This department is particularly fortunate in having at its head Madame Davies, a woman of exceptional and rare attainments. The dead languages are left out of the curriculum from the fact that a knowledge of these languages is worthless, so far as scientific and technical investigation is concerned. From a cultural standpoint, German and French are worth as much and even more than Latin and Greek, and from a scientific and technical standpoint they are worth infinitely more.

The Department of Psychology is also in the hands of Madame Davies. The course consists of four recitations per week, from September to February. The work consists of lectures and recitations. This is the class in which the student philosopher finds an opportunity to unburden his mind and to propound the various questions that puzzle him. The teaching of Psychology at Purdue is no child's play, for the reason that while many of the students are perfectly at home in dealing with the concrete, they are completely at sea when dealing with the abstract. Objective facts present no difficulties, while the investigation of subjective truths is, to many of them a new and an unexplored region.





Miss Millspaugh.



Miss Morrison.



Mr Lindner.



Miss Fry.



Miss Samson.

Music and Art.



THE ART Department of Purdue gives instruction in drawing, china painting, and wood carving, and trains the student to become critical and observant in matters of art. Since the ability to draw or to appreciate drawing is necessary to an understanding of the language of art, drawing is made the basis of the work of the department, the first two years of the course being devoted to this subject. The third and fourth years are given to wood carving and china painting.

At the end of each school year the Art Department makes an exhibit of the year's work. In this exhibit one gets some idea of the scope of the department, and of the artistic effects that skillful wood carving and china painting can produce. Space does not permit an adequate description of this exhibit. Suffice it to say, that there must be a great deal of pleasure and gratification for both student and instructor, in being able to show such exquisite results of labor.

The department is under the direction of Miss Laura A. Fry, Professor of Industrial Art, who gives instruction in china painting. Miss Fry has been a pupil of W. H. Fry, wood carver, and Louis T. Rebisso, sculptor, of Cincinnati. She has also been a member of the Art Students' League of New York. Miss Nellie P. Samson, the instructor in wood carving, comes to Purdue after having studied in the Art Students' League of New York, and the Art Academy of Cincinnati.

The Department of Music is under the direction of Miss Elizabeth Millsbaugh, whose voice has won the admiration of all music lovers who have heard it. Miss Millsbaugh has studied music under Mr. Frederic Pease of Ypsilanti, Mrs. Ida Norton of Detroit, Mr. William Courtney of New York, and Miss Lena Little of Boston. Besides the regular work, Miss Millsbaugh has trained the College Glee Club this year, with most satisfactory results.

Miss Mabel Morrison, who gives instruction in piano music, is a graduate of the Chicago Musical College, where she studied with Dr. Ziegfeld and Dr. Schoenfeld. She took several medals in 1899 for harmony and composition.

Mr. George Lindner has recently come to Purdue as instructor in the use of the violin and other stringed instruments. He has been a student of Fischer and Carl Lindner of Berlin, and also of Beresina and Schoenfeld of Chicago. The Mandolin Club has enjoyed criticism and instruction from Mr. Lindner during the past year.

The Library.

NO SCHOOL is complete without a library, and since we pride ourselves on our completeness, it is but right that some passing mention should be made of ours. The roof of the main building shelters its priceless volumes—it is in close proximity with the office, immediately below our historic chapel, and altogether has an ideal location. Small and compact, comfortable and convenient, it is all that could be asked for. Piled high around the walls in securely-fastened shelves is a rich store of learning in which the studiously inclined may seek for information on vague and unintelligible subjects. Nothing light or frivolous, nothing calculated to start a chuckle echoing through its aisles of books can be found here. No, gentle reader, we are students; nothing else.

Here come the sick and the weary to drop their excuses into that mystic receptacle which holds in store for those who cut classes, much pain and explanation. Charming maidens grace the polished tables, and between snatches of pretended study discuss the latest patterns in shirt-waists, or who is the handsomest man in school. Beware, young ladies, lest the stern guardian of these learned halls be near enough to hear the undue disturbance, and marching toward you with a stern and unforgiving glance, forbid these whispered conversations. But this same guardian is not all frowns. Observe the patience with which she stirs among the dusty volumes, aiding some confiding Freshman in unearthing some knowledge of "The Use and Abuse of a Claw Hammer." Notice, some time, if you choose, the grace with which she distributes excuse blanks after chapel. Half the pleasure in cutting classes is to get from her that little slip of paper on which we write, with praiseworthy regularity, that one word, "Sickness." And her assistant, too, who guides us through the maze of books in her superior's absence. How entertainingly she discourses on books and people, how eagerly she helps to find the sought-for reference. 'Twould be an awful bore without these two, to have to spend long precious minutes looking up a name or formula for next day's work, but with them there, how time will fly!

Some day, perhaps long years from now, some old alumnus, growing old in years and with an overflowing purse, will have erected in his name a beautiful new library in which to store the ever-accumulating works of learned men, which we possess or will possess. Then the Freshmen will point at it with pride and enter to seek out learning. Dignified Seniors will issue from its doors bearing their burden of books and knowledge. It will be well, indeed, if, with the greater magnificence, the library can retain that homelike air which the present librarian has made so characteristic of it.

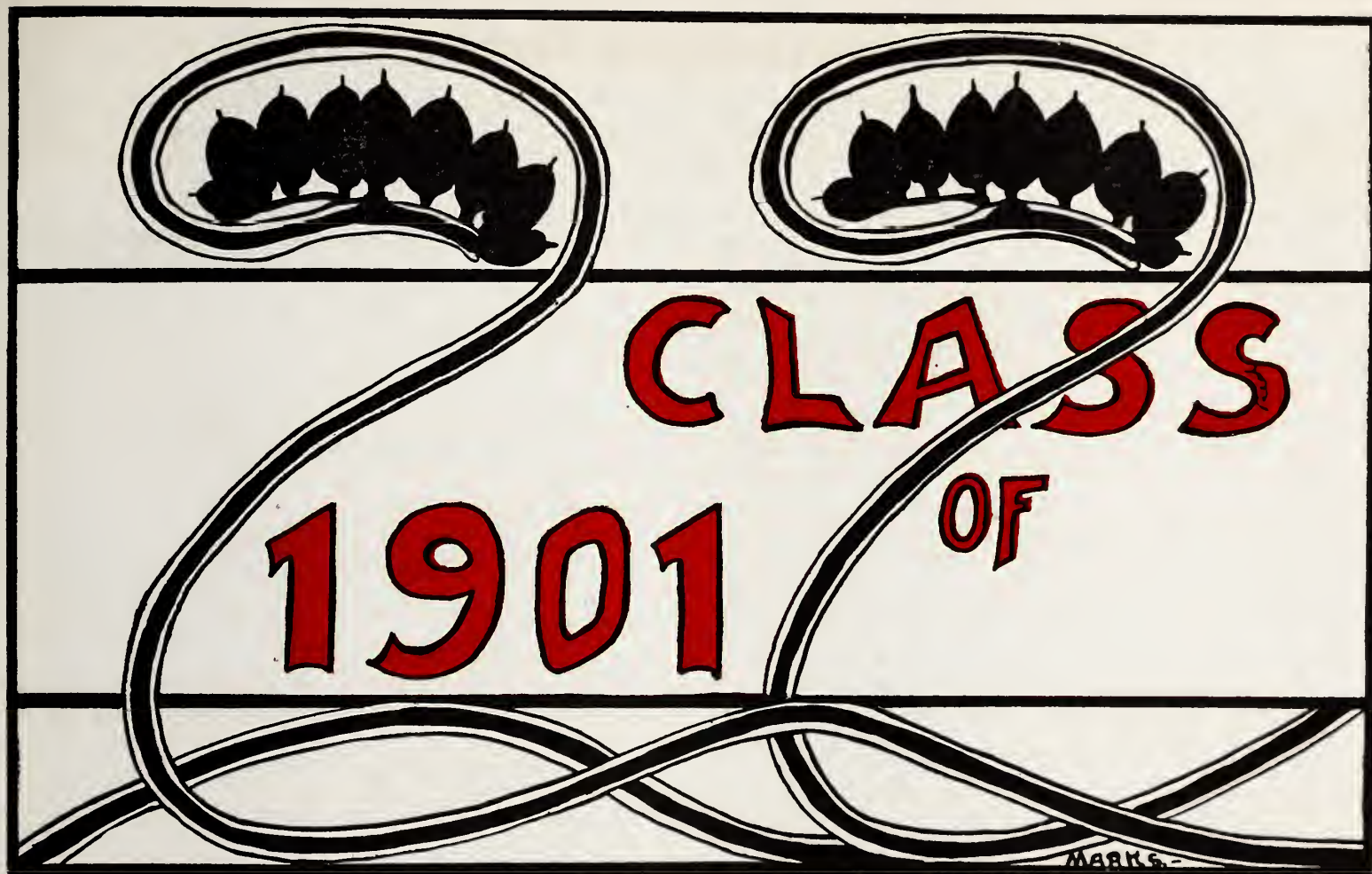


MISS SWAN
LIBRARIAN



MISS RAUB,
ASS'T LIBRARIAN





MARRS-

School of Mechanical Engineering.

WILLIAM AVERY ATKINS, "Bill," "Mack," Indianapolis, Ind., B. S. in Mechanical Engineering.

Irving Literary Society; Sigma Chi Fraternity; Class Football Team, '97, '98, '99, '00; Class President, '98, '99; President Purdue Republican Club; Business Manager '01 Debris; Mandolin Club, '98, '99, '00; Glee Club, '99; Athletic Association.

THESIS: "Combined Engine and Boiler Test at the E. C. Atkins Saw Works, Indianapolis, Ind."

ROBERT FLESHMAN BAENES, "Bob," Perryville, Ind., B. S. in Mechanical Engineering.

Mechanical Engineering Society; Band, '98, '00, '01; Class Baseball Team, '98; Class Football Team, '98, '99, '00; Athletic Manager Class, '98, '99, '00.

THESIS: "Tests of a Metropolitan Locomotive Injector."

CHARLES DOUGLASS BARRETT, "Kid," Ft. Wayne, Ind., B. S. in Mechanical Engineering.

Sigma Chi Fraternity; Tau Beta Pi; Vice-President Class, '99.

THESIS: "The Interchange of Heat in Locomotive Cylinders."

WALTER TALCOTT BRONSON, "Brownie," "Crab," "Calipers," Indianapolis, Ind., B. S. in Mechanical Engineering.

Kappa Sigma Fraternity; Skulls of Thirteen; Pitcher Baseball Team, '98, '99, '00, '01; Captain, '01; Athletic Association.

THESIS: "An Investigation of the Effect of Compression on a Corliss Engine."

OTTO WILHELM BUENTING, "Bunt," Guthrie, Oklahoma, B. S. in Mechanical Engineering.

Mechanical Engineering Society; Tau Beta Pi; Athletic Association.

THESIS: "A Study of the Action of Air in the Air-Brake Train Line Under Various Service Conditions."

CHASE DAVIS, "Davy," Anderson, Ind., B. S. in Mechanical Engineering.

THESIS: "Steam Engine Test Under Variable Compression."

GEORGE FRANKLIN ENDICOTT, "Endy," New London, Ind., B. S. in Mechanical Engineering.

Mechanical Engineering Society; Carlyle Literary Society; Annuals, '98, '99, '00, '01; Vice-President, '98; President, '01; Beta Kappa Kappa Fraternity; Band, '98, '00, '01; Advertising Editor Exponent, '99; Department Editor, '00; Editor-in-Chief, '01; Class Football Team, '99; Athletic Association.

THESIS: "Tests of Brake-Shoes for Master Car Builders' Association."

LOUIS EUGENE ENDSLEY, "Lou," Richmond, Ind., B. S. in Mechanical Engineering.

Secretary Mechanical Engineering Society, '00; President, '01; Beta Kappa Kappa Fraternity; Tau Beta Pi; Track Team, '99, '00, '01; Captain, '01; Class Football Team, '99, '00; Athletic Association.

THESIS: "Test of Brake-Shoes for Master Car Builders' Association."



W.A. Atkins



R.F. Barnes



C.D. Barrett



W.T. Bronson



O.W. Buening



C. Davis



G.F. Endicott



L. Endsley

Mont



C.G.Fowler



A.A.Greenick



E.L.Grimm



H.B.Hatch



H.C.Hays



R.Hitt



O.Z.House



A.W.Howard

Mont

CECIL GROSS FOWLER, La Fayette, Ind., B. S. in Mechanical Engineering.

Sigma Chi Fraternity; Class Football Team, '97, '98, '99, '00; Athletic Association.

THESIS: "Design of a Dynamometer Car."

ARTHUR ANTHONY GREENICH, "Scrappy," "Link Motion," Ft. Wayne, Ind., B. S. in Mechanical Engineering.

Mechanical Engineering Society; Tau Beta Pi; Western Railway Club; Baseball Team, '98, '99, '00, '01; Track Team, '98; Sergeant-at-Arms of Class, '01; Yell Leader, Class '99-'00.

THESIS: "A Study of Some Phases of Combustion in Locomotive Boilers."

EUGENE LEONARD GRIMM, "Gripp," Indianapolis, Ind., B. S. in Mechanical Engineering.

Mechanical Engineering Society; Mandolin Club.

THESIS: "Tests of a New Form of Air-Brake Triple Valve."

HUGH BRENTON HATCH, "Prof.," Huntertown, Ind., B. S. in Mechanical Engineering.

Mechanical Engineering Society; Treasurer, '99; Tau Beta Pi; Irving Literary Society, Vice-President, '00; Annuals, '00; Y. M. C. A. Secretary, '99; President, '01; Athletic Association.

THESIS: "A Study of Some Phases of Combustion in Locomotive Boilers."

HARRY CLINTON HAYS, "Air Brake," Garrett, Ind., B. S. in Mechanical Engineering.

Mechanical Engineering Society; Band, '98-'99.

THESIS: "Test of a New Form of Air-Brake Triple Valve."

RODNEY HITT, "Rod," Indianapolis, Ind., B. S. in Mechanical Engineering.

President Mechanical Engineering Society, '00; Associate Editor-in-Chief, '01 Debris; Football Team, '99-'00; Right End, '00; Vice-President Class '99-'00-'01; Director Athletic Association, '00-'01.

THESIS: "A Study of the Changes of Elastic Limit of Nickel Steel Under Different Conditions of Stress."

ORA ZEDEKIAH HOUSE, "Weary," Elwood, Ind., B. S. in Mechanical Engineering.

Corresponding Secretary Mechanical Engineering Society, '01; Class Football Team, '98-'99-'00.

THESIS: "Determination of the Effect of Changes of Speed, Load, Gas Mixture, Jacket Temperature and Ignition on a 12-H. P. Otto Gas Engine."

ARTHUR WOODSIDE HOWARD, "Denny," Jeffersonville, Ind., B. S. in Mechanical Engineering.

Mechanical Engineering Society; Sigma Nu Fraternity; Athletic Association.

THESIS: "Experimental Investigation of the Clearance of a Steam Engine."

- WILL ALBERT HULL, "Bill," "Berryville," "Prexy," Liberty, Ind., B. S. in Mechanical Engineering.
Mechanical Engineering Society; Board of Control, '00-'01; Business Manager, Class '99; Class President, '00-'01; Tau Beta Pi Fraternity; Athletic Association.
THESIS: "Design of a Fluid Pressure Regulator."
- JOHN HYPJOLITE JASCHKA, "Jags," "Jack," "the Pole," Indianapolis, Ind., B. S. in Mechanical Engineering.
Mechanical Engineering Society, Vice-President; Irving Literary Society, Recording Secretary, Vice-President, President, Marshal; Treasurer, Class '00; Business Manager Exponent, '01; Athletic Association.
THESIS: "A Study of the Changes of Elastic Limit of Nickel Steel Under Different Conditions of Stress."
- CLAUDE SYLVESTER JOHNSON, "Colorado," "Johnny," Colorado Springs, Colo., B. S. in Mechanical Engineering.
Vice-President Mechanical Engineering Society, '00; Republican Club.
THESIS: "A Study of the Resistance of Cast Iron and Cast Steel Under Impact at Different Temperatures."
- GEORGE CARYL KING, "Dick," Jackson, Tenn., B. S. in Mechanical Engineering.
Mechanical Engineering Society; Kappa Sigma Fraternity; Treasurer, Class '01.
THESIS: "Application of Tuning Fork Chronograph to the Determination of the Speed Variation of Steam and Gas Engines."
- OSCAR COLMAN KLIPSCH, "Bill," "Dad," Hope, Ind., B. S. in Mechanical Engineering.
Mechanical Engineering Society; Tau Beta Pi Fraternity.
THESIS: "A Study of Resistance of Cast Iron and Cast Steel Under Impact at Different Temperatures."
- ROBERT EUMAN LAIDLAW, "Lady," "Bob," Bond Hill, Ohio, B. S. in Mechanical Engineering.
Mechanical Engineering Society; Phi Delta Theta Fraternity; Baseball Team, '99-'00-'01; Athletic Association.
THESIS: "Test of Schenectady No. 2 Under Different Conditions of Speed and Cut-Off."
- HUGO LUND, "Senator," Kansas City, Mo., B. S. in Mechanical Engineering.
Mechanical Engineering Society; Irving Literary Society; Critic, '97; Treasurer, '98; Vice-President, '00; President, '00; Corresponding Secretary, '01; Annuals, '98-'99-'01; Y. M. C. A. Cabinet, '98; Editor-in-Chief, '01 Debris (resigned); Vice-President Purdue Republican Club, '00.
THESIS: "Designs and Specifications for an Experimental Steam Plant."
- FREDERICK JOHN MCCOY, "Mac," "Irish," Waukegan, Wis., B. S. in Mechanical Engineering.
President Athletic Association, '00; Sigma Nu Fraternity; Right Half-Back Football Team, '98-'99-'00.
THESIS: "An Investigation of the Effect of Compression on Steam Engines."
- LOUIS GEORGE CORNELIUS MAYER, "Bertha," "Burmpski," Indianapolis, Ind., B. S. in Mechanical Engineering.
Governing Council Mechanical Engineering Society; Tau Beta Pi Fraternity.
THESIS: "A Study of a Series Evaporator Designed for Maximum Efficiency."
-



W.A. Hull



J.H. Joschka



C.S. Johnson



R.E. Laflaw



F.J. McCoy



O.C. Klipsch



H. Lund



G.C. King



L.C. Mayer



G.S. Meadis



F.E. Olson



B. Rolman



E.C. Robertson



E.L. Smith



L.R. Switzer



L. Williams



A.M. Wilson



H.R. Wilson

GEORGE SMALL MEDDIS, Louisville, Ky., B. S. in Mechanical Engineering.

Mechanical Engineering Society.

THESIS: "Action of Air in Air-Brake Train Line."

FRANKLIN E. OLSON, B. S. in Mechanical Engineering.

Class Football Team, '00; Track Team, '01.

THESIS: "Experimental Investigation of the Effect of Clearance in Cylinder of Steam Engine (Corliss.)"

BRUCE ROLLMAN, "Bill," Eaton, Ohio, B. S. in Mechanical Engineering.

Recording Secretary Mechanical Engineering Society, '01; Tau Beta Pi Fraternity; Band, '97-'99.

THESIS: "Tests of a 12-H. P. Otto Gas Engine to Determine Effect of Changes of Speed, Load, Gas Mixture, Jacket Temperature and Ignition."

EDWARD COOL ROBERTSON, "Robie," Helena, Mont., B. S. in Mechanical Engineering.

Mechanical Engineering Society; Phi Delta Theta Fraternity; Football Team, '97-'98-'99-'00; Captain, '99-'00; Baseball Team, '98-'99-'00-'01; Heavy-Weight Wrestling Championship, '98-'00-'01.

THESIS: "Tests of Locomotive Schenectady No. 2 Under Different Conditions of Speed and Cut-Off."

ERNEST LOCKE SMITH, "Rube," "E. L.," Chillicothe, Ohio, B. S. in Mechanical Engineering.

Treasurer Mechanical Engineering Society, '99; Secretary, '00; Irving Literary Society, Corresponding Secretary, '00.

THESIS: "Test of a Metropolitan Locomotive Injector."

LEVI RUTHERFORD SWITZER, "Switz," Otterbein, Ind., B. S. in Mechanical Engineering.

Treasurer Mechanical Engineering Society, '00.

THESIS: "Brake-Shoe Tests for Master Car Builders' Association."

LLEWELLYN WILLIAMS, JR., "Boy," Cincinnati, Ohio, B. S. in Mechanical Engineering.

Phi Delta Theta Fraternity; Athletic Association.

THESIS: "Tests of Different Duration on Locomotive, Schenectady No. 2."

ALEXANDER MASSEY WILSON, "Sandy," B. S. in Mechanical Engineering.

Irving Literary Society; Annuals, '99-'00; Advertising Editor Exponent, '99-'00; Editor-in-Chief, '01 Debris; Class Football Team, '97-'99-'00; Student Assistant in Wood Shop, '99-'00.

THESIS: "Test of a Steam Engine Manufactured by Whitfield Engine Co., Whitfield, Tenn."

HARRY R. WILSON, "Bizerick," Indianapolis, Ind., B. S. in Mechanical Engineering.

Mechanical Engineering Society; Advertising Editor '01 Debris; Phi Delta Theta Fraternity; Mandolin Club, '97-'98-'99-'00; Treasurer, '98; Manager, '99; Class Baseball Team, '98.

THESIS: "Tests of Different Duration on Schenectady No. 2."

School of Electrical Engineering.

LEE BERENBAUM, "Berry," "Bum Bum," Louisville, Ky., B. S. in Electrical Engineering.

THESIS: "Relative Accuracy of Different Methods of Magnetic Testing."

WYMAN EATON, B. S. in Electrical Engineering.

Electrical Engineering Society; Tau Beta Pi Fraternity.

THESIS: "Investigation of a 20-H. P. Single-Phase Induction Motor."

HARLAND FANKBONER, "Fank," Marion, Ind., B. S. in Electrical Engineering.

THESIS: "A Series of Alternating Current Experiments."

PERCIVAL ELLIOTT FANSLER, "Fan," "Shag," La Fayette, Ind., B. S. in Electrical Engineering.

Electrical Engineering Society; Mandolin Club, '99-'00; Glee Club, '99; Athletic Editor "Exponent," '00; Art Staff, '01 Debris.

THESIS: "An Investigation of the Factors Affecting the Operating Efficiency of the La Fayette Street Railway System."

CALE ROBERT GOUGH, "Gouge," Boonville, Ind., B. S. in Electrical Engineering.

Electrical Engineering Society; Phi Delta Theta Fraternity; Tau Beta Pi; "Jolly Friars;" A. O. D. D.

THESIS: "Design of an Electric Light Plant at Muncie, Ind."

WALTER OCTAVIUS HAYMOND, "Shice," "Muck," Muncie, Ind., B. S. in Electrical Engineering.

Electrical Engineering Society.

THESIS: "Design of an Electric Light Plant at Muncie, Ind."

GEORGE FRANCIS HARDWICKE, B. S. in Electrical Engineering.

THESIS: "A Study of the Different Brands of Commercial Enclosed Arc-Light Carbons."

CHARLES CONSTANTINE HOKE, "C. C.," Oaktown, Ind., B. S. in Electrical Engineering.

Electrical Engineering Society.

THESIS: "An Experimental Study of a Rotary Converter."

WILLIAM LINGE HOLT, "Sleepy Jesus," Paterson, N. J., B. S. in Electrical Engineering.

Electrical Engineering Society; Basket Ball Team, '01.

THESIS: "Study of a 5-H. P. Three-Phase Induction Motor."



H. Fairbairn



L. Berenbaum



P.E. Foster



W. Eaton



C.R. Gough



G.F. Hardwicke



W.O. Haymond



F.A. LeFever



C.C. Hoke



E.E. Lehr



W.L. Hoit



E.E. McBroom



F.E. Mennen



L.D. Nordstrum

ALEXANDER JOHN KALINOWSKI, "Kali," "Pole," "Dutch," Otis, Ind., B. S. in Electrical Engineering.

THESIS: "Investigation of Commutator Brush Contact."

EARLE ALBERT LE FEVER, "Early," "Sunshine," West La Fayette, Ind., B. S. in Electrical Engineering.

Electrical Engineering Society; Y. M. C. A.

THESIS: "Mechanism and Regulation of Enclosed Arc Lamps."

EDWIN E. LEHR, Bremen, Ind., B. S. in Electrical Engineering.

Tau Beta Pi Fraternity; A. O. D. D.

THESIS: "A Series of Alternating Current Experiments."

ERRETT F. MCBROOM, "Mac," Hillsboro, Ind., B. S. in Electrical Engineering.

Electrical Engineering Society.

THESIS: "Mechanism and Regulation of Enclosed Arc Lamps."

FRANCIS EILERT MENNEN, "Menny," La Fayette, Ind., B. S. in Electrical Engineering.

Electrical Engineering Society.

THESIS: "The Relative Accuracy of Different Methods of Magnetic Testing."

LAUREN DALE NORDSTRUM, "Shorty," Attica, Ind., B. S. in Electrical Engineering.

Electrical Engineering Society; President, '00; Corresponding Secretary, '00; Executive Committee, '01; Track Team, '99-'00; A. O. D. D.

THESIS: "Determination of the Mean Spherical Candle Power of Modern Incandescent Lamps."

HOLLAND PERSINGER RIDGELY, "Horse Power," "High Pressure," La Fayette, Ind., B. S. in Electrical Engineering.

THESIS: "An Investigation of the Factors Affecting the Operating Efficiency of the La Fayette Street Railway."

ARTHUR RAY TANNER, "Captain," Plymouth, Ind., B. S. in Electrical Engineering.

Electrical Engineering Society; A. O. D. D.

THESIS: "A Test of a 20-H. P. Single Phase Induction Motor."

CLARENCE GAYE TARKINGTON, "Tark," Kokomo, Ind., B. S. in Electrical Engineering.

Tau Beta Pi Fraternity; Band, '97-'98; Glee Club, '98-'99; "Jolly Friars;" A. O. D. D.

THESIS: "A Study of Rotary Transformers."

LEROY B. VANDERBILT, "Van," "Vanderholt," Paterson, N. J., B. S. in Electrical Engineering.

Electrical Engineering Society; Tau Beta Pi Fraternity.

THESIS: "Study of a 5-H. P. Three-Phase Induction Motor."

HERMAN OTTO WATJEN, "Otto," "Hans," "Fatty," Vincennes, Ind., B. S. in Electrical Engineering.

Electrical Engineering Society; Mandolin Club, '98-'99-'00-'01; Band, '98-'99-'00-'01; A. O. D. D.

THESIS: "Mechanism of Enclosed Arc Lamps."

ALFRED FRANCIS WELCH, "Rabbit," Ithaca, Mich., B. S. in Electrical Engineering.

Y. M. C. A.; Tau Beta Pi Fraternity.

THESIS: "Determination of Mean Spherical Candle Power of Modern Incandescent Lamps."

PAUL G. WINTER, "Pee Gee," Shelbyville, Ind., B. S. in Electrical Engineering.

Electrical Engineering Society; Band, '00-'01; A. O. D. D.

THESIS: "A Study of the Different Brands of Commercial Inclosed Arc-Light Carbons."



C.G. Tarkington.



H.P. Ridgely



L.R. Vanderbilt



A.R. Tanner



H.O. Watjen



A.F. Welch



P.G. Winter



WJ Brunner



JH Andrews



Mary Brown



A Chambers



RF Friermood



DM Green



E.C. Ford

School of Science.

JOSIAH HARDING ANDREWS, "Si," "The Swede," Seymour, Ind., B. S. in Pharmacy.
Pre-Medical Society; Sigma Chi Fraternity; Track Team, '00; Secretary of Class, '98-'99.
THESIS: "Working formulae for New Elixirs."

MARY EDITH BROWN, West La Fayette, Ind., B. S. in Science.
THESIS: "Adsorption of Acids and Bases by Filter Paper."

WELLMAN BRUNER, La Fontaine, Ind., B. S. in Science.
President Emersonian Literary Society, '01; Critic, '99; Annuals, '00; Pre-Medical Society; Literary Editor Exponent, '00; Department Editor, '01.
THESIS: "Adulteration of Olive Oils."

ALEXANDER CHAMBERS, Indianapolis, Ind., B. S. in Science.
Captain Class Football Team, '98; Sigma Chi Fraternity.
THESIS: "The Glacial Drift in Indiana."

EDWIN CHAFFIN FORD, New Harmony, Ind., B. S. in Pharmacy.
Pre-Medical Society; Pharmaceutical Society.
THESIS: "The Manufacture of Lime and Glyceryl Phosphates."

ROGER SAN FERNANDO FRIERMOOD, "Rad," "Cruey," "Willie," "Brainless," Marion Ind., B. S. in Science.
Chemical Society; Irving Literary Society; Athletic Association.
THESIS: "Examination of Brick and Tile Clays."

DWIGHT MONROE GREEN, "Doc.," Muncie, Ind., B. S. in Science.
President Pre-Medical Society, '01; Minuet Club; Literary Staff, '01 Debris.
THESIS: "Some Crystals Obtained from Blood Stains."

* MARGARET FRANCES HAYWOOD, West La Fayette, Ind., B. S. in Science.
Philalethean Literary Society, President, '01.
THESIS: "Absorbtion of Salts by Silica."

* Not graduated.

THOMAS LOWE HAYWOOD, "Tommy," West La Fayette, Ind., B. S. in Pharmacy.

Pre-Medical Society; Pharmaceutical Society, Vice-President, '01; Class Football Team, '98-'99; Class Secretary, '98.

THESIS: "Improvement on Working Formulae for Certain Galenical Preparations."

MARY FLORENCE HILLER, La Fayette, Ind., B. S. in Science.

THESIS: "Pollination of Flowers by Insects."

WILLIAM WESLEY KIRKPATRICK, "Kirk," Clark's Hill, Ind., B. S. in Science.

Art Staff, '01 Debris; Minuet Club.

THESIS: "Charities and Corrections in La Fayette, Ind."

GUS LOUIS KLEIN, "Gus," "Condenser," Cincinnati, Ohio, B. S. in Science.

Chemical Society; Chess Club.

THESIS: "Carbohydrates in Wheat."

WILLARD LANNERD, "Dutchman," "Herr," Cambridge City, Ind., B. S. in Science.

Emersonian Literary Society; Librarian, '99-'00; President, '00; Marshal, '01; Vice-President Pre-Medical Society, '01; Tau Beta Pi Fraternity.

THESIS: "Plants of Indiana Furnishing Food for Birds."

GEORGIANA LINDLEY, Noblesville, Ind., B. S. in Science.

THESIS: "The Principles of Art as Set Forth in Ruskin's 'Seven Lamps of Architecture.'"

Candidate for Degree of M. S.

THESIS: "Thomas Carlyle's Philosophy of Life, 'Sartor Resartus.'"

CHARLES SAMUEL MCGOVNEY, "Mac," Columbus, Ind., B. S. in Science.

Class Manager, '00-'01; Athletic Association.

THESIS: "Estimation of Poisonous Metals in Sugar House Products."

EDWIN MAHIN, La Fayette, Ind., B. S. in Science.

Chemical Society; Tau Beta Pi Fraternity.

THESIS: "Microscopical and Chemical Examination of Iron and Steel."

LYDIA CAROLINE MARKS, La Fayette, Ind., B. S. in Science.

THESIS: "Charities and Corrections in La Fayette, Ind."



Margaret Haywood



T.L. Haywood



Mary Hiller



W.W. Kirpatrick



G.L. Klein



W. Lannerd



Georgiana Lindley



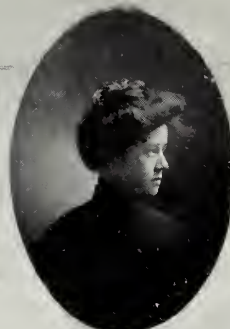
C.S. McGovney



Edward Mahin



Lydia Marks



Elizabeth Meigs



Ethel Montgomery



J.R. Opp



H.J. Robertson



L.M. Westfall



Prudence Yager

WILLIAM CHARLES MARTIN, "Billy," West La Fayette, Ind., B. S. in Science.

Chemical Society; Chess Club.

THESIS: "Nutritive Value of 'Breakfast Foods.'"

ELIZABETH LEAMING MEIGS, La Fayette, Ind., B. S. in Science.

THESIS: "The Significance of Color in Our Native Spring Flowers."

ETHEL LINWOOD MONTGOMERY, South Bend, Ind., B. S. in Science.

THESIS: "The Glacial Drift of Indiana."

Candidate for Degree of M. S.

THESIS: "The Gravels of St. Joseph County, Indiana."

JOHN RAY OPP, "Johnny," "Mr. Hopp," Otterbein, Ind., B. S. in Science.

Pre-Medical Society; Class Football Team; Band, '98-'99-'00-'01.

THESIS: "The Microscopic Structure of Teeth."

HAROLD JAY ROBERTSON, "Little Robbie," "Bob," Spencer, Ind., B. S. in Science.

Vice-President Chemical Society, '00; Emersonian Literary Society; Tau Beta Pi Fraternity; A. O. D. D.; Glee Club, '99-'00.

THESIS: "Comparative Tests for Formalin in Milk."

LESLIE MARSHALL WESTFALL, La Fayette, Ind., B. S. in Science.

Pre-Medical Society; Class Football Team, '00-'01; Minuet Club.

THESIS: "A Study of the Human Brain."

PRUDENCE VIVIAN YAGER, West La Fayette, Ind., B. S. in Science.

THESIS: "A Comparison of the Humor of Addison and Irving."

School of Pharmacy.

WILLIAM CARROLL BARTHOLOMEW, "Bart.," "Doc.," Stockwell, Ind., Ph. G.

Pharmaceutical Society; Treasurer Smokers' Club; Class Treasurer, '00; Pre-Medical Society Athletic Association.

WILLIAM EDSON BIXLER, "Bix.," Cynthiana, Ind., Ph. G.

Pharmaceutical Society; Class President, '00-'01.

AVERY EDWIN DEUPREE, "Pepo," "Dup," Edinburg, Ind., Ph. G.

Pharmaceutical Society; Athletic Association.

RALPH ERSKINE DORLAND, "Bleary," "Rachel," "Teddy," Springfield, Ill., Ph. G.

Pharmaceutical Society; Athletic Association; Class Team, '00; Pharmacy Band; Class Historian.

EVAN ALBERT EVANS, "Chauncey," Eagle, Ind., Ph. G.

Pharmaceutical Society; Class Team; Vice-President Smokers' Club.

JOHN SAMUEL GATES, "Gas-Belt John," Muncie, Ind., Ph. G.

Associate Editor-in-Chief, '01 Debris; Pharmaceutical Society; Pre-Medical Society; General Manager Smokers' Club; Vice-President Class, '99; Vice-President Pharmaceutical Society, '01; Class Team.

JESSE MONROE HARDMAN, "Doc.," "Prof.," "Josher," Huntington, Ind., Ph. G.

Pharmaceutical Society; Pre-Medical Society; Athletic Association; Republican Club, '00; Secretary Smokers' Club; Class Team.

PHILIP GEORGE HAUSS, "Buggy," Indianapolis, Ind., Ph. G.

Pharmaceutical Society; Athletic Association; Mandolin Trio; Captain Class Team; Secretary Class, '97-'98; Class Football Team, '97-'98-'99.

ALBERT MILTON HOPPER, "Doc.," "Sam," La Fayette, Ind., Ph. G.

Phi Delta Theta; Pharmaceutical Society; '98 Club; Vice-President Class '00; Athletic Association; Schlitz Club.

EUGENE JALBERT, "Frenchy," "Jal," Brazil, Ind., Ph. G.

Pharmaceutical Society.



W.C. Bartholomew



W.E. Bixler



C.T. Pelz



R.E. Porland



A.E. Deupree



E.A. Evans



J.S. Gates



J.M. Hardman



A.M. Hopper



P.G. Hauss



E. Jalbert



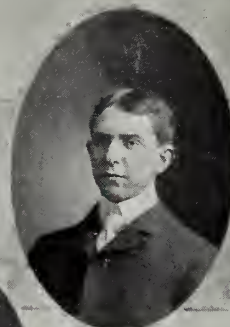
R. Jenner



J.G. Jones



A.V. Kienly



D.R. Lucois



F. Mason



G.L. McGargar



A.M. McClintic



W.C. Menaugh



J.N. Montgomery



W.C. Norris



L.W. Ragan

ROY MEYERS JENNER, "Digger," "Jennie," New Albany, Ind. Ph. G.

Pharmaceutical Society; Class Secretary, '99; Athletic Association; President Pharmaceutical Society, '00.

JOHN GLOVER JONES, Indianapolis, Ind., Ph. G.

Pharmaceutical Society; Secretary, '99-'00; Pre-Medical Society; Y. M. C. A.; Sub. Half-Back Football Team, '99; Quarter-Back, '00; Sergeant-at-Arms Class; Secretary Athletic Association, '99-'00; Board Directors, '00-'01; Exponent Staff, '00-'01; Basket Ball Team, '99-'00.

ALBERT VICTOR KIENLY, "Curly-head," La Fayette, Ind., Ph. G.

Pharmaceutical Society; Athletic Association.

DANIEL RALPH LUCAS, "Luke," "Rusty," "Ginger," La Fayette, Ind., Ph. G.

Pharmaceutical Society; Pre-Medical Society; Left Guard Basket Ball Team.

GUY LANDIS McCARGAR, "Mack," Edinburg, Ind., Ph. G.

Pharmaceutical Society; Secretary, '01; Class Team; Band.

ALBERT MARSHALL McCLINTIC, "Merry Mack," Newbern, Ind., Ph. G.

Pharmaceutical Society.

FREDERICK MASON, "Fritz," "Red," "Kid," Terre Haute, Ind., Ph. G.

Pharmaceutical Society.

WILLIAM CLYDE MENAUGH, "Red," "Raz," "Tke," "Andy," Salem, Ind., Ph. G.

Pharmaceutical Society; Band.

JAMES N. MONTGOMERY, "Monty," "Gov," Brook, Ind., Ph. G.

Pharmaceutical Society; Treasurer, '99-'00.

WILLIAM CLINT NORRIS, "Willie," Frankfort, Ind., Ph. G.

Pharmaceutical Society; Athletic Association.

CHARLES THEODORE PELZ, Evansville, Ind., Ph. G.

Pharmaceutical Society; Pre-Medical Society; Y. M. C. A.

- LEWIS WILLIAM RAGAN, "Ragtime," "Bill," La Gro, Ind., Ph. G.
Pharmaceutical Society; Glee Club; Class Secretary and Treasurer, '01; Pharmacy Band.
- HARRY CLAY RANDEL, "Pink," "Chief," Greencastle, Ind., Ph. G.
Pharmaceutical Society; Band; Athletic Association.
- ROBERT RAY RICE, "Pud," Greencastle, Ind., Ph. G.
Pharmaceutical Society; Band; Athletic Association; Class Team.
- HARRY HOWE RILEY, "Sergeant," Greensburg, Ind., Ph. G.
Pharmaceutical Society; Pre-Medical Society; Y. M. C. A.; Athletic Association.
- WALTER LESLIE SALMON, "Mollie," Brownsburg, Ind., Ph. G.
Pharmaceutical Society; Pharmacy Band; Mandolin Trio; Class Team; Vice-President Class, '01; Athletic Association.
- ALEXANDER V. SAVAGE, "Snide," Silverwood, Ind., Ph. G.
President Pharmaceutical Society, '01; Band; Class Team; Pharmacy Band.
- JOHN JACOB EUGENE SCHOENHOLTZ, "Hiney," "Germany," "Tilly Phone," Rhodt Rheinpfalz, Germany, Ph. G.
Pharmaceutical Society; Member of Studenten Kneipp's "Absolvia Sandavia;" Athletic Association.
- NORRIS ERMAN SHANK, "Friday," "Fielder," Angola, Ind., Ph. G.
Pharmaceutical Society; Pharmacy Quartette; Class Team.
- HELMER WILLIAM SMIDT, "Dutch," Chicago, Ill., Ph. G.
Pharmaceutical Society, Treasurer; Class Team; Athletic Association.
- MERLE CHENEY SMITH, "Tubby," "Tunis," Osgood, Ind., Ph. G.
Pharmaceutical Society; Band; Pharmacy Band; Class Team; Athletic Association.
- WILLIAM EDWARD STUCKMEYER, "Stucky," Indianapolis, Ind., Ph. G.
Pharmaceutical Society; Republican Club; Pastime Club; Exponent Staff, '99; Athletic Association.
- IRA LESTER TODD, "Toddy," Carroll, Ind., Ph. G.
Pharmaceutical Society; Vice-President, '00; Pre-Medical Society.
-



H.C. Paniel



R.R. Rice



H.H. Riley



W.L. Simon



A.V. Savage



J.J. Schoenholtz



E.N. Shank



H.W. Smidt



M.C. Smith



W.E. Stuckmeyer



I.L. Todd



A. Anderson



L.R. Banes



H.W. Brown



S.A. Coffing



T.H. David



E.G. Holladay



H.B. Holman



E.R. Houghton

School of Civil Engineering.

ANTON ANDERSON, "Andy," "Tony," La Fayette, Ind. B. S. in Civil Engineering.

Civil Engineering Society; Business Manager C. E. Society Annual.

THESIS: "Experimental Study of the Resistance of Concrete to Impact."

* LE ROY BANES, "Luke," Metamora, Ind., B. S. in Civil Engineering.

Civil Engineering Society; A. O. D. D.; Art Staff, '01 Debris.

THESIS: "West La Fayette Sewerage System."

HARRY W. BROWN, "Runt," Logansport, Ind., B. S. in Civil Engineering.

President Civil Engineering Society, '01; Assistant Business Manager C. E. Annual, '99; Kappa Sigma Fraternity; Tau Beta Pi; Mandolin Club, '98-'99-'00-'01; Treasurer Glee and Mandolin Clubs, '00-'01; Literary Staff, '01 Debris.

THESIS: "Determination of the Coefficient of Expansion of Concrete."

S. ALLEN COFFING, "Doc.," "Sailor," Covington, Ind., B. S. in Civil Engineering.

Civil Engineering Society; A. O. D. D.

THESIS: "Hydrography of the Wabash River."

THOMAS HENDRICKS DAVID, "Irish," "Foss," Indianapolis, Ind., B. S. in Civil Engineering.

Vice-President Civil Engineering Society, '99-'00; U. N. A.; Kappa Sigma; Class Football Team, '99; Baseball Team, '00-'01; Member of Committee Construction of '01 Cinder Track; Coach of Bicycle Team, '98-'99.

THESIS: "Investigation of Plate Girders with Regard to Stresses in Stiffeners."

ERNEST GRANT HOLLADAY, "Bug," "Christmas," Chalmers, Ind., B. S. in Civil Engineering.

President Civil Engineering Society, '00; Emersonian Literary Society; Tau Beta Pi; A. O. D. D.; Minuet Club; Y. M. C. A.

THESIS: "The Design of a Sewerage System for Monticello, Indiana."

HUGH B. HOLMAN, Rochester, Ind., B. S. in Civil Engineering.

Civil Engineering Society.

THESIS: "Hydrography of the Wabash River."

Not Graduated.

EDWARD R. HOUGHTON, "Dinnie," White Pigeon, Mich., B. S. in Civil Engineering.

Civil Engineering Society.

THESIS: "Determination of the Coefficient of Expansion of Concrete."

WILLARD EDWARD INGRAM, "Bill," Marion, Ind., B. S. in Civil Engineering.

Civil Engineering Society.

THESIS: "Coefficient of Elasticity of Concrete."

ARNET STONE MCBROOM, "Mac," La Fayette, Ind., B. S. in Civil Engineering.

Civil Engineering Society; Editor C. E. Society Annual; Tau Beta Pi; Y. M. C. A.

THESIS: "Experimental Study of the Resistance of Concrete to Impact."

THOMAS MANNING, "Turkey," Elkhart, Ind., B. S. in Civil Engineering.

Civil Engineering Society; A. O. D. D.

THESIS: "West La Fayette Sewerage System."

FRANK EDGAR OSBORN, "Shin," "Lengthy," Economy, Ind., B. S. in Civil Engineering.

Secretary Civil Engineering Society, '01; Y. M. C. A.

THESIS: "Effect of Preservatives on the Strength of Timbers."

WILLIAM HENDRY PRENTICE, JR., "Billy," "Crip," "Toots," Toledo, Ohio, B. S. in Civil Engineering.

Civil Engineering Society; Kappa Sigma.

THESIS: "Investigation of Plate Girders with Respect to Stresses in Stiffeners."

FRANK BERNARD ROACH, Monticello, Ind., B. S. in Civil Engineering.

Treasurer Civil Engineering Society; A. O. D. D.

THESIS: "Design of a Sewerage System for Monticello, Ind."

JAMES ELBERT SLIMP, "Slimpsy," "Bert," Washington, Ind., B. S. in Civil Engineering.

Civil Engineering Society; Sigma Nu; Skulls of Thirteen; Glee Club, '98-'99; Sergeant, Cadet Corps, '97-'98.

THESIS: "Determination of the Coefficient of Elasticity of Concrete."



T. Manning



W.E. Ingram



F.E. Cloborn



A.S. McBrook



W.H. Prentice



F.B. Roach



J.E. Simp



J. Ensminger



C. Frazier



A.G. Mace



H.A. Miller



C.W. Moore



R.C. Reamer



L.V. Shoemaker



W. Simons



C.P. Vestal

School of Agriculture.

JULIAN ENSMINGER, "Jule," Danville, Ind., B. S. in Agriculture.

Class Football Team, '99-'00-'01.

THESIS: "A Study of Unproductive Soils in Hendricks and Fountain Counties, Indiana."

CHARLES FRAZIER, "Chad," "Prof.," Hillsboro, Ind., B. S. in Agriculture.

President Agricultural Society, '00; Pre-Medical Society; Class Football Team, '99-'00-'01.

THESIS: "Uterine Changes During Gestation of Domesticated Animals."

ALMON GALITON MACE, Blocher, Ind., B. S. in Agriculture.

President Purdue Agricultural Society, '00; Purdue Grange; Phi Delta Theta Fraternity.

THESIS: "Hygroscopic Properties of Typical Soils of Scott County, Indiana."

HOMER ALEXANDER MILLER, "Hi," "Farmer," Alaska, Ind., B. S. in Agriculture.

Agricultural Society; Purdue Grange; Class Football Team, '00.

THESIS: "Antiseptic Treatment of Wounds."

CLYDE WILBUR MOORE, "Jerry," Farmland, Ind., B. S. in Agriculture.

Agricultural Society; President, '98; Pre-Medical Society; Emersonian Literary Society.

THESIS: "Uterine Changes During Gestation of Domesticated Animals."

CLIFTON IRA REAMER, "Ike," North Liberty, Ind., B. S. in Agriculture.

Agricultural Society; Purdue Grange; Steward, '99; Overseer, '00.

THESIS: "Nodule Bacteria of Certain Leguminous Plants."

LESLIE VINSON SHOEMAKER, "Shoey," Daleville, Ind., B. S. in Agriculture.

President Agricultural Society, '99; Carlyle Literary Society; Secretary, '00; Annuals, '01.

THESIS: "Unproductive Soils of Delaware County, Indiana."

WILL SIMONS, "Mr. Simmons," Kentland, Ind., B. S. in Agriculture.

President Agricultural Society, '00.

THESIS: "Unproductive Soils of Newton County, Indiana."

CHARLES PERRY VESTAL, "Sweet Peas," "Noodle," Montezuma, Ind., B. S. in Agriculture.

Agricultural Society.

THESIS: "Nodule Bacteria of Certain Leguminous Plants."

MOTTO: "In for the century."

COLORS: Black and Crimson.

YELL: Bing-a-wacka!
Ching a wacka!
Wah! Ho! Wah!
Naughty one! Naughty one!
Rah! Rah! Rah!

Officers.

W. A. HULL,		President.
RODNEY HITT,		Vice-President.
ETHEL MONTGOMERY,		Secretary.
G. C. KING,		Treasurer.
A. A. GREENICH,		Sergeant-at-Arms.
CHAS. MCGOVERNY,		Business Manager.
RODNEY HITT,		Athletic Director.
HUGO LUND,		Historian.



Dreke, Phila.

History of 1901.



WITH the opening of the school year in September, '97, a new class entered the institution and began its search for knowledge. To a casual observer, they were only Freshmen. True, but they were not as ordinary Freshmen are. They were firm believers in what is called the strenuous life, and so fully have they lived up to the tenets of their faith, that we feel sure that they have earned a lasting place in the memory, if not in the affection, of Purdue's esteemed President.

The class of 1901 has always ranked high in its school work. This necessitated diligent application to the lessons assigned; but '01 still found time to devote to other forms of college activity.

Perhaps the best way for a student to show college spirit is, to take an interest in athletics; and so athletics has claimed a large share of attention from our class. Since its first entrance into the life of Purdue, no athletic team has battled for the University that did not have among its number some representative of '01. In the Freshman year the class was represented in the 'Varsity eleven by Robertson, now well known in the football world. Class elevens were formed, and during the season our team showed the '00 team the fine points of the game. The score, 8 to 0, tells the story of how the haughty Sophomore was forced to admit '01's superiority.

But our class also learned that year to meet defeat manfully and to honor a victorious rival. On November 17, our team was beaten 22 to 0 by our friends of '99. This is the first and only defeat that '01 has ever suffered at the hands of another class; and it is not to be wondered at, when we remember that seven of that '99 class team made the 'Varsity team the next season.

The fall of '98 witnessed the continuation of '01's victorious football career. On October 13, the Freshmen were beaten 5 to 0. The fact that no other class games were played, causes the list of victories to be so small. We are glad to record that this year four members of our class won places on the 'Varsity.

Our Junior year found us once more unbeaten in football. On November 11, the eleven defeated the Pine Village eleven 16 to 0. On the 25th, 1901 and 1902, played a tie game, 0 to 0. But for the fact that '02 played for time and did all in its power to delay the game, '01 would surely have been again victorious. It is school history how '00 claimed the class championship this year, despite the fact that they never met our team. Repeated challenges from us were not accepted. And it was well for '00, as a game would have meant certain defeat for them.

This year found six of the class on the 'Varsity with one of our number, Robertson, as Captain. In the fall of 1900, the 'Varsity was for the second time captained by Purdue's noted punter. This is the only time that one player has been twice honored by being elected Captain, and we are proud to claim "Robbie" as a member of '01.

November 17 added another victory to our class team's long list. The Juniors' hopes were shattered and their boasts silenced, for they were beaten by a score of 11 to 0. Our Sophomore friends had on the 10th beaten the Freshmen 10 to 0. On the 24th, '01 and '03, played a tie game, neither side being able to score. The day was damp and raw, and the field a regular pond. This last fact made it almost impossible for '01's fast backs to start. Whenever a dry spot was found, their rushers brought sure gains, but in the muddier parts of the field, they were powerless. '03 never had any hope of scoring, and played entirely on the defensive. While technically the question of supremacy remains unsettled, still, to any fair minded observer, it was evident that the Senior team was the strongest of the year.

The class of 1901 has always taken great interest in baseball. Its Freshman year found it with two men on the 'Varsity nine. During each of the next two years six members of '01 helped win many a hard-fought game for our University. Under the leadership of our classmate, Bronson, for four years Purdue's best pitcher, this year's nine promises to do much to help the athletic standing of our school.

In track athletics and gymnasium work our class has always been foremost.

In the spring of '98 our men won all the bicycle races on local field day. At the State meet this same year two '01 men won seventeen points for Purdue. In the gymnasium contest all the wrestling bouts were won by our representatives.

As Sophomores, the class continued to improve, and as a result seven of the '01 class were members of the track team. On local field day the first prize was awarded to Endsley, of '01. This year, as before, no other class had any wrestlers to compare with ours.

Our Junior year found one of our number, Klipsch, Captain of the track team. This year our class won first place in the indoor meet, and Endsley easily captured the silver cup awarded to the man making the highest number of points. This year Endsley broke the State record for the pole vault, and tied the record for the high jump.

As a fitting tribute to athletic ability, Endsley will captain this year's track team, and we firmly believe that under his direction the team will win many points for old Purdue.

While the success of our class in athletics would seem to indicate that our spare time must have been fully occupied, such was not the case, and '01 found time and opportunity for various other displays of class spirit.

The first day of school in its Freshman year the class made a gallant effort to put '01 upon the tank. The attempt was unsuccessful because of the fact that the Freshmen present were outnumbered two to one.

Soon, however, a class election was held and Atkins was chosen president. Then the class was well organized and a second attempt made to paint the tank. After a hard fight the Sophomores were forced to admit defeat, and '01 was placed upon the tank and guarded till the break of day. After daylight, despite all traditions, the Sophomores put back their '00. All through the fall months tank fights were fought, with the result that '01 was generally on the tank. The Sophomores soon learned that the only safe times to put their numbers up were either Saturday morning, when all Freshmen had school work, or Sundays, which custom decrees should be given to other things than tank fights.

During the first weeks of our Sophomore year the Freshmen class made many unsuccessful attempts to make the tank read '02. After having fully demonstrated its ability to humble '02, the Sophomores allowed them to put up their number.

After the Sophomore year the men of '01 thought that their tank painting days were over, and looked forward with pleasant anticipation to the time when they might gather as veterans at the tank and see the "Sophs" and "Freshies" battle for supremacy. But during this last year certain parties unknowingly violated all traditions by putting a large P. U. where nothing save class numerals had ever been seen before. Since no other class had both nerve and ability to take active steps to preserve time-honored customs, the tank painters of '01 found it necessary to once more don their painting garb and to replace the P. U. with '01. Since that time no further effort has been made to violate the established custom of having some class number on the tank, where it may be seen from the college campus.

On March 4th of our Freshman year, all had assembled for the chapel exercises. Just as a hymn was about to be sung a large '01 banner suddenly appeared over the heads of the faculty. Then pandemonium broke loose and the exercises were sadly interrupted. For some days thereafter there were daily and often hourly, conferences between certain class men and a select few of the faculty. These, at times, threatened serious results for the class, but all the members of '01 proved loyal to the class and to one another, and the class roll was not cut down as a result of this episode.

In the spring, '98 gave its Senior ball; '99 and '01 combined to show the Seniors a time—and they did. As a result, several young ladies waited long for the Seniors who never came. Certain members of '00, to show their friendship for '98, captured two rather undersized Freshmen, whom they took three miles into the country and turned loose to walk home. As soon as '01 heard of this, three Sophomores were taken out as far as the poor farm and given opportunity to test their ability as pedestrians. In this, as in all other contests, '00 came out second best.

When '99 gave its Senior ball the fact was made known that '01 would see that all who wished to go should do so. Through various encounters '00 had learned to respect the fighting ability of '01, so no attempt was made to interfere.

At the close of our Freshman year a tall flagstaff was raised on the campus. During our Sophomore year it was noted that this flagpole was bare most of the time. But this was not to continue indefinitely. On the morning of May 25th it was discovered that a '01 banner was floating at the top of the flagpole and that the halyards were gone.

That day the class was called together and informed by Dr. Stone that it must replace the halyards. This the class promptly refused to do. Next the class had read to it a paper, purporting to be an ultimatum, to the effect that our friend, the doctor, would be compelled to remove the pole unless the class would replace those halyards. Always ready to help in an emergency, the class offered the services of a committee to cut the pole. Having finally been brought to a realization of the fact that '01 couldn't be bluffed, Dr. Stone suggested—suggested, mind you—that the class appoint a committee to act with like committees from the other classes to replace the halyards. This proved acceptable to '01, and the joint committee succeeded in restoring the halyards on May 30th. This story from real life would serve as a companion number to George Ades' little fable, "The Bluff Who Couldn't Make Good."

As Juniors, the members of '01 did not have opportunities to engage actively in class scraps, but spent considerable time initiating the class of 1903 into the mysteries of certain phases of college life. '03 men proved apt scholars, and the result has been that '02 and '04 have in succession been forced to acknowledge the prowess of these pupils of '01.

During the past year we have tried to uphold our dignity as Seniors. And now, upon the eve of graduation, we look backward and see behind us four years of hard work, not unmingled with harmless fun and frolic. And we feel that they have been years both pleasant and profitable. And as we leave this dear old school of ours we trust that in whatever positions of life we are placed we may do nothing but that which will add to the glory of our alma mater.



P.W.D

MOTTO: "Never say die."

COLORS: Crimson and Blue.

YELL: Anamirta, Paniculata,
Glycerhiza, Ammoniata,
Canada, Erigeron,
Pharmacy, Pharmacy, '01.

Officers.

W. E. BIXLER,		President.
W. L. SALMON,		Vice-President.
LOUIS W. RAGAN,		Secretary-Treasurer.
RALPH DORLAND,		Historian.
JOHN G. JAMES,		Sergeant-at-Arms.

Class History of '01 Pharmacy.



THE highway of life is marked here and there with important events, which indicate the passing of time. Every community has its own particular events, or, perhaps, we may term them milestones, which mark its progress along the road of life. Purdue University is such a community, and the Pharmacy class of '01 is such a milestone. For they are the first class of a new century, which bids fair to be the most progressive century through which the world shall travel.

In the fall of '99 when school opened at Purdue, the class of '01 presented itself with a larger enrollment than any previous class of the department. The first weeks of our school life passed away smoothly, and the class easily adapted itself to student life, notwithstanding the fact that it had been several years since some of our members had attended school. We soon became acquainted with the finer machinery of the department, i. e., the faculty; and during the first few weeks thought them to be very easy going, but as the year grew older and the screws were tightened, we learned, by experience perhaps, that it would be necessary to us to use much "oil" before we could run as smoothly and rapidly as their standard demanded.

Early in the year we organized, and thus put to shame the lack of class spirit, as evidenced by preceding classes, and at the same time set an example for those who should follow us. Every class office was contended for and each election was close, which demonstrated the fact that we had lots of good executive material. The year passed all too slowly, and when vacation rolled around, it hardly seemed that our work was half completed, and that the associations of university life were to be allowed us but one year more.

After an enjoyable vacation, '01 gathered together again in the old building which has been the birth-place of so many of the departments here at school. But we found that several of our number were missing, and that, like all other classes, we were to be diminished by circumstances over which we had no control. Still, we noticed there were many new faces in and around the building—timid, trusting faces, faces that gazed around with wide-open mouths and eyes, eager to absorb every thing that they could; some tried to look wise, others indifferent, and others frightened; but all succeeded in looking as green as the grass in the early spring time. These were the Juniors. Alas! A motley crowd from which to mould a class.

As Seniors we proceeded to work and organized and elected officers for both the class and the Pharmaceutical Society; the latter of which we had conducted during the last term of the previous year. It was at this time that we took some decisive steps, adopting a standard pin for pharmacy classes, and also one for the Pharmaceutical Society. After Christmas we found a few men missing from our class roll, who had been forced to surrender to the inevitable. But, nothing daunted, we assembled for the last stretch with men determined to finish, and to finish well.

The work grew harder with each day, but our energy increased in proportion, and after the final examination for our diplomas, we realized that as a class we had done credit to the faculty, the University, and to ourselves.

We have been represented on the football team, track team, basketball team, also in indoor athletics, and on the glee club, and to the band we have furnished no less than seven men.

Like our predecessors, we have been here only two years, but we have tried to demonstrate that we could not only handle our work in a capable manner, but that we were able and willing to support every organization of the University in every way possible, and that as we leave here and go out into the world, one of our foremost objects will be to reflect honor and credit on our beloved alma mater.

HISTORIAN.





Class of 1902.

MOTTO: "Within thine own sphere,
Accomplish what thou canst."

COLORS: Old gold and dark blue.

YELLS: Razzle! Dazzle!
Ez, Ki, Bum!
Naughty-two, Naughty-two,
Yum, Yum, Yum!

Rip, Rah, Bazoo!
Zip, Zaw, Purdue!
We Yell Naughty-two,
Wha, Who, Wha!

Officers.

J. WALTER DIETZ,		President.
PERRY W. DIRHAM,		Vice-President.
EDITH E. GREENE,		Secretary.
C. HOLLINGSWORTH,		Treasurer.
T. H. CLEARY,		Athletic Director.
ROLAND B. RENNER,		Field Marshal.
BERNICE BAKER,		Historian.
GEORGE A. SMITH,		Sergeant-at-Arms.



REMINISCENCES

Under A
COCOA-NUT TREE

— By —
THE CLASS HISTORIAN



IN THE year 1905 a party of civil engineers from the class of 1902 took the contract of surveying the Selvas of the Amazon. Old Sol was cruel, but after having had heat in physics what cared they for that—they were going to show the material out of which their class was made and make great names for themselves.

Six of the fellows had wandered off from the rest of the gang and had seated themselves under a group of cocoanut trees whose branches cast an enormous shadow. They were taking time off for luncheon. As they had plenty of time to think, it was natural that their thoughts should wander back to college days when so many eventful things took place. As the discussion became more animated, one fellow who grew more enthusiastic than the others, suggested that they give the Purdue yell, and then their class yell, which they had so often given in chapel. This they did to see if they could bring down some cocoanuts. So with Gen. Cleary as leader—to make it seem more natural—they made the forest ring, and, sure enough, the cocoanuts began to fall, and looking up, they saw that the tree was inhabited by monkeys.

"Oh, Boys!" yelled Cleary. "Look at the Freshmen in the gallery; Freshmen yell."

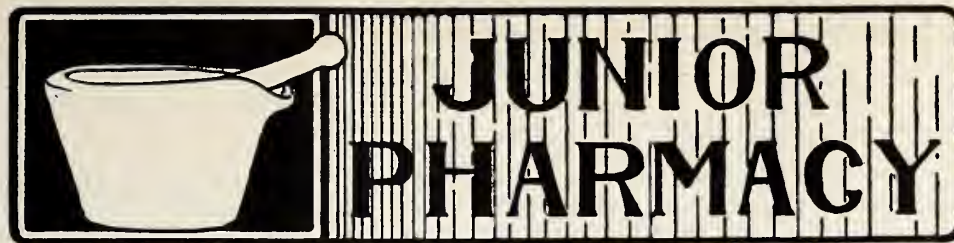
"Wouldn't that make you homesick?" exclaimed little Shimer, who thought more of that sweet place called home, than of being notorious.

"I say, fellows," said Walters, "to go back to our class, think of the noted persons that were in it. There was Dirham, what an artist! And as an orator, he couldn't be beaten—unless it was DuShane, who was also a noted football player—and as for a runner, if we all could run like Dirham, we wouldn't fear the wild animals down here. And there was Papa Aitkenhead, not only was he a freak of nature when it came to physics, but his literary ability was something wonderful."

"You have said hardly a word about athletics," spoke up Geo. Smith, who couldn't stand to see such a thing as that neglected. "There was Lynch, the all-around athlete, who won the cup two years in succession. And talk about our football players—what was Davidson? And our class didn't have to practice to leave the '03's out of sight. Think of the exciting football game between the '02 and '03 Chemicals. Dietrich made a touch down and the game ended with a regular Yale finish, for just as time was called, Van Natta kicked goal, making the score 6 to 0 in favor of the '02's."

"Well, boys," said Walters, "it's time to go to work, so you might as well stop now. You could talk till Doom's Day about the wonderful deeds of the '02 class. Come, let us do credit to our dear old alma mater."





P.W.D.

MOTTO: "Make haste slowly."

COLORS: Maroon and old gold.

YELL: Quebrachoblanco, Terrinoso,
Glycyrrhiza, Manganozo,
Buchu, Wahoo,
Pharmacy, Pharmacy, '02.

Officers.

GRO. W. HOLLIS,		President.
R. C. KING,		Vice-President.
G. M. STRAWN,		Treasurer.
W. P. JOHNSON,		Sec'y and Historian.

History Junior Class of Pharmacy.



ON SEPTEMBER 12, 1900, we, the Knights of the Soda Founts of Indiana and sister States, made our advent into college life at Purdue. We were a peculiarly happy set, for a few days at least. For were we not now in college, something of which we had dreamed many times? And in our pockets could we not feel a "wad," a condition very extraordinary for us? And then that talk by Professor Green the first day! Was not that enough to inspire even wooden men? And in the half-page that was written to mother, and the first number of the twelve to sixteen-page "issue" that was sent to "Nancy," how we eulogized the University's good fortune in securing such bright lights as we.

But before many days had passed, there came a change of feeling. Many experienced for the first time what is meant by that peculiar word (and still more peculiar feeling) homesickness. And that "wad" in our pockets melted quicker than the proverbial June frost. And the skeletons of those "graphic formulæ" haunted us in our dreams, and, like Banquo's ghost, would not be downed. But ere many weeks, this feeling also passed, giving place to one of acceptance of our position, and a determination to get the most of pleasure and profit out of our work and residence here.

Fifty-one members began work with the class. Sickness, examinations, and all other causes have reduced the number but slightly. From the first, there has been a strong feeling of good will between the members of the class. Many of the classmen have been in business and recognize the importance of making themselves "friendly." Of course, we organized and succeeded, after some difficulty, in securing a suitable yell (suitable to us, at least), much to the delight (or else not, we can't tell from here), of the Seniors who had harassed (?) us, and humiliated (?) us by calling, whenever a Junior hove in sight, "Junior Yell," "Junior Yell," when they knew the Juniors had no more yell than the average student has surplus "sawbucks."

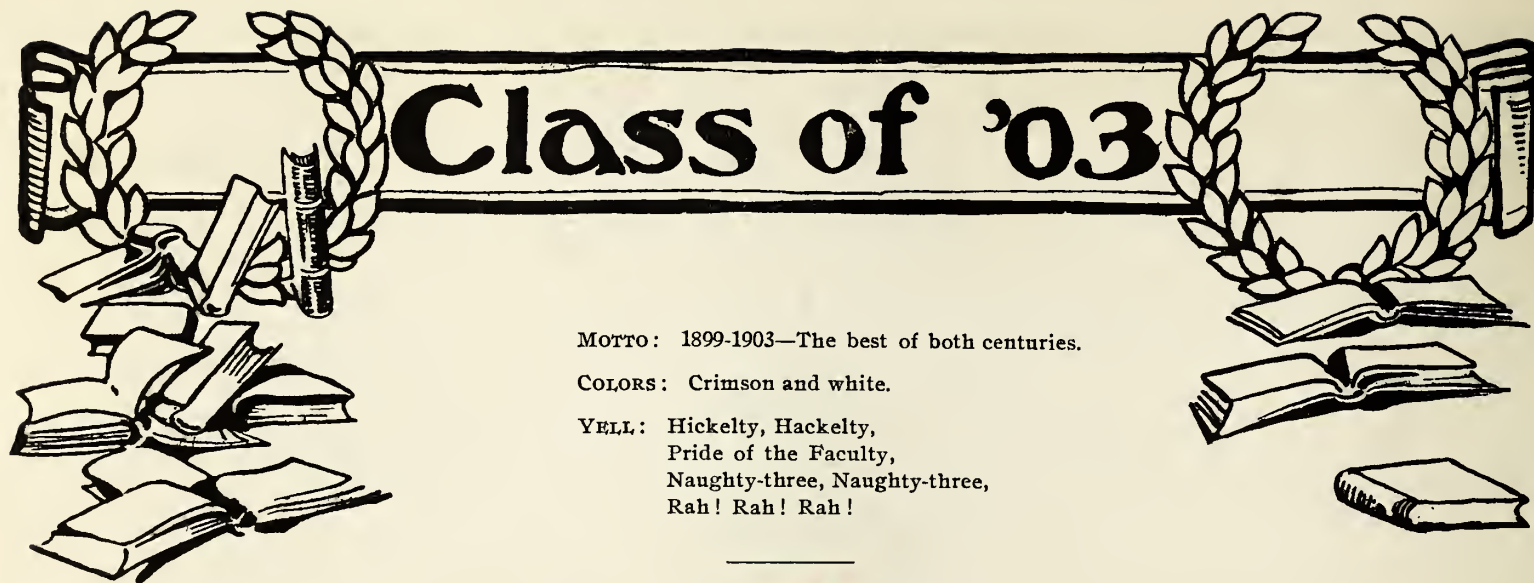
The class had no representative on the football team last fall. However, it has been loyal to the cause of athletics and has supported it by purse and presence. In anything for the advancement of athletics, the class could be counted. Strawn, a member of the class, is Secretary of the Association.

Fully one-half of the class have worked in stores and will have the requisite amount of experience to write on the State Board Examination at the close of the Senior year. At this, the close of the Junior year, we believe we have not labored in vain.

We believe the "doctored" sugar, the "hot" honey, and the almond saturated with "*ferula foetida*," each has its place. The spirit which has characterized the first year's work, will no doubt characterize all the work of the class, and bids fair to make the Pharmacy class of 1902 one which will bring honor to the University, and one which will make itself felt in the business circles of this and other States.

HISTORIAN.





Officers.

JESSE L. RUBY,	President.
OMAR A. BERRY,	Vice-President.
JOHN HORNERBROOK,	Secretary.
JOHN FINK,	Treasurer.
FLOYD V. BERKEY,	Field Marshal.
JOHN F. G. MILLER,	Athletic Director.
MINDWELL J. CRAMPTON,	Historian.
AUBREY L. HIBBARD.	Sergeant-at-arms.



Durka, Photo

History of Class 1903.



IN WRITING a history of the Sophomore class, it requires some effort to describe the wondrous things they have done, and are capable of doing, in the small space allowed for that purpose.

Happily, in speaking of our achievements, we never have spoken in derision of other classes to illustrate the prominence of our own; nor will we deride them. All classes in Purdue have been and are excellent, and our superiority over all of our predecessors is only in accordance with the fundamental principles of the divine right of kings, or, as we are Americans, the survival of the fittest.

To enumerate briefly some of the victories and accomplishments of our class—not in a spirit of boasting, but for the truth of history—we will say that in athletics, while yet Freshmen, our baseball team won a victory over the Sophomores of last year, the score being 21 to 6 in our favor. This year in football in the University-championship game in which we met the Seniors, the score was a tie—a feat never before performed by a Sophomore class. In the annual tank scrap, ours is the first Sophomore class that ever had its number on the tank and maintained it against all opposition. Our parade of the Freshmen through the streets of La Fayette, and their sleepless vigil on Thanksgiving eve on our account, we regard as mere incidents of college life, in which proper respect was shown by them to our superiority.

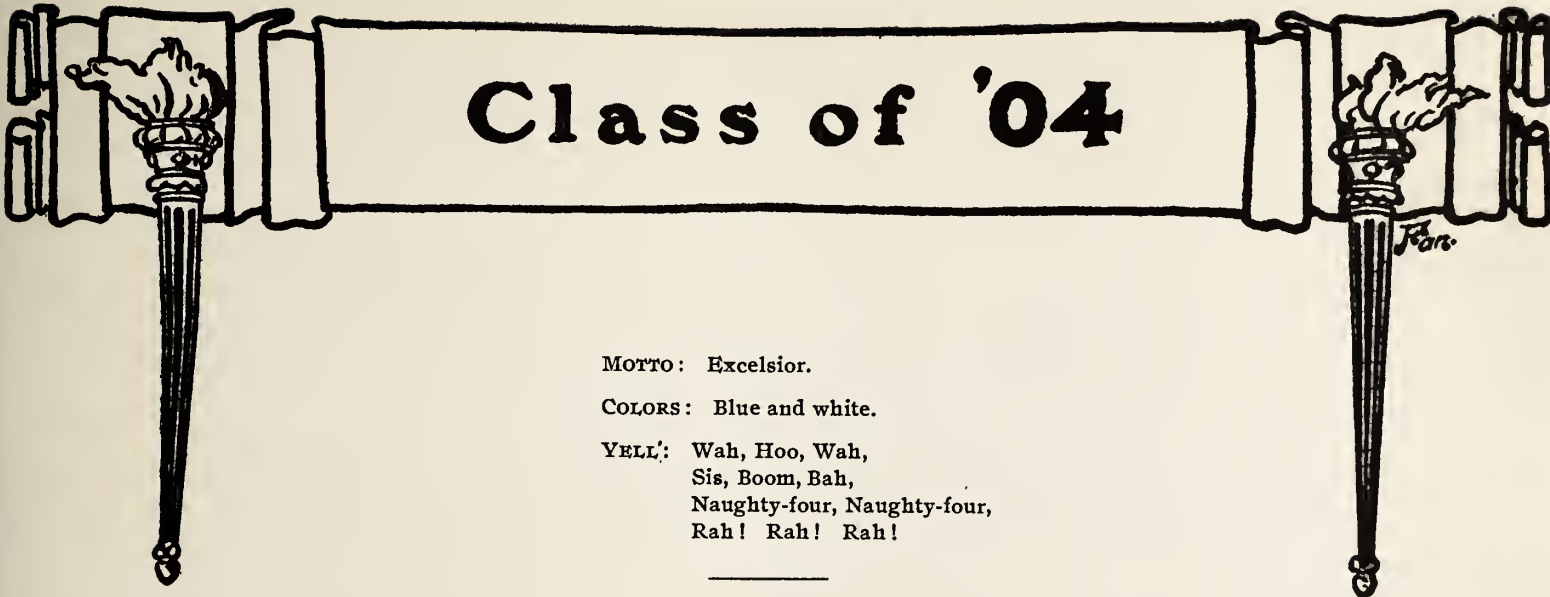
Our class has the honor of furnishing the captain of next year's football team, and five of its most efficient players. In the annual track meet, the class of '03 won a signal victory, making a score so high that no other class made more than half as many points. The State's record in the running broad jump was broken by one of our men. The Purdue basketball team is composed of Sophomores, with the exception of one man.

The band, which is the pride of the University, and pronounced by all competent judges of music to be one of the finest college bands in the country, was organized and instructed by a member of our class, and has now, in the second year, ten of our men.

In the foregoing, we, of course, take great pride; but yet we regard our victories as a matter of fact. Our greatest joy is in our unanimity of thought and action and faith in each other, and in our strict adherence to correct principles. Whatsoever things are true, is the rule and guide of our faith. Whatsoever things are honest, is our rugged virtue. Whatsoever things are just, is the foundation of our class structure. Whatsoever things are pure, is our chief aim. Whatsoever things are lovely predominate in the class of 1903.







Class of '04

MOTTO: Excelsior.

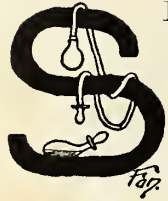
COLORS: Blue and white.

YELL': Wah, Hoo, Wah,
Sis, Boom, Bah,
Naughty-four, Naughty-four,
Rah! Rah! Rah!

Officers.

HARRY G. LESLIE,		President.
L. M. GRANT,		Vice-President.
HELEN DARBY,		Secretary.
EVERETT E. MILES,		Treasurer.
HARRY G. LESLIE,		Athletic Director.
WILL ABENDROTH,		Historian.

History.



SEPTEMBER 11th, 1900, marks the day made famous in all history by the arrival at Purdue of a great and magnificent class of students, who thus early in their college career have become the recognized standard for strength and general excellence by faculty and student alike—the class of '04.

* On the day this class first beheld the magnificent temples of learning scattered here and there on the spreading campus, Nature, ever conservative and clinging to the old order of things, seeing with omniscient eye that here was a class of men who one day were destined to overcome her and make use of her most fundamental laws in their swift and unimpeded progress in scientific and engineering lines, did her utmost to bar their entrance. She hurled her fiercest winds down upon them, and such an upheaval of dust was never seen before. Nothing daunted, however, they defied her and continued to pour in by the hundreds.

The coming of this class also marks a distinct epoch in the life of the University. With it the enrollment of Purdue reached the highest point in its history and passed the one thousand mark. As this vast host, the largest class that ever crossed the portals of Purdue, exceeding in number the wildest hopes of the most sanguine, came pouring in to matriculate, the faculty trembled and fell to wondering what could be done with them. But all things are possible at Purdue, and affairs were soon running smoothly.

One of the first things noticed by the Freshmen was the exemplification of the old adage, "The last shall be first." Consequently they climbed up to their perch next the roof and from this proud and dizzy height looked down upon all others. After the S. R. O. sign had been displayed in their crowded quarters, the class at once proceeded to give its yell. Can there in all history be found another instance of a Freshman class yelling at first chapel exercises? Truly this is a wonderful instance of their progressiveness.

Next in order after they had paid their money and signed the book, was class organization. They proceeded at once not to follow the example of their predecessors, the Sophomores, who, in their Freshman year, attained notoriety only by their constant internal strife, but set to work in a truly laudable and business-like manner to organize the class.

Knowing that their numerals should be on the tank in place of the ones then disfiguring that historical monument, they at once set out to put them there. A few "scraps" took place, much to the sorrow of the "Sophs," who, transfixed by fear and

* For velocity and direction of wind on said day, see weather charts at U. S. Experimental Station.

in a paroxysm of terror, enlisted the faculty to intercede in their behalf. A truce was made which was promptly broken by the "Sophs." War was again declared and '04 was soon on the tank to proclaim the superiority of the Freshmen. The Sophomores, now terror-stricken and awed by the size, strength and quality of this invincible army, soon laid aside their supercilious airs, very properly surrendered to a stronger opposing force, and looked up to them with a truly laudable reverence.

The strength of the Freshman class in athletics was then discovered, and it soon had thirteen men on the 'Varsity football squad, several of whom will long be remembered for their brilliant playing. At every game the cheers for Freshman players were heard above all others. Even after giving up their best, as they did, for 'Varsity work, the class team, thus handicapped, did surprisingly good work.

At the annual meeting of the Athletic Association, a Freshman Vice-President was elected, much to the chagrin of the Sophomores, who, unsophisticated, last year displayed a most deplorable ignorance of political mechanism.

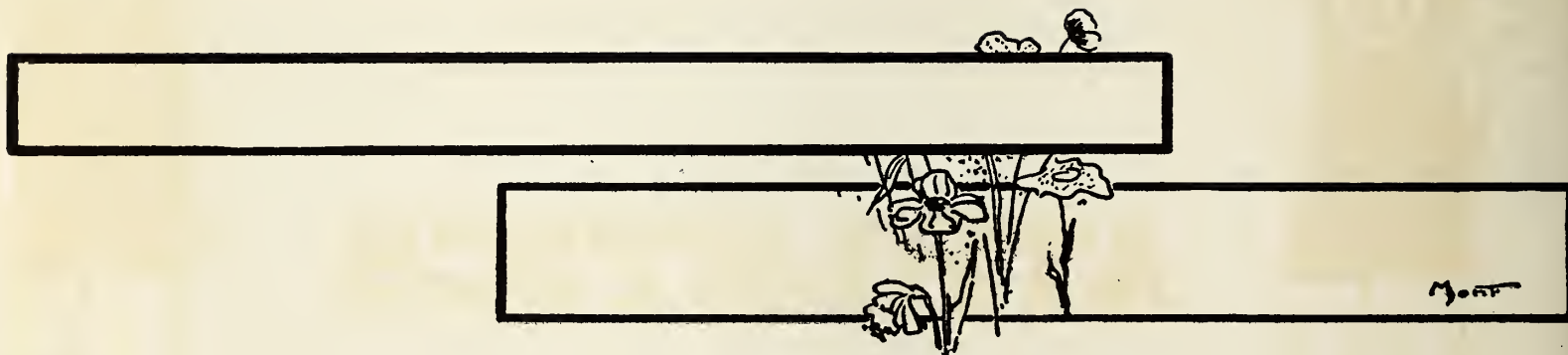
It has been proven that the quality of the Freshman class is in the same ratio as its quantity, for they have active representatives taking leading parts in all the college organizations appealing to the more intellectual or æsthetic sense. The Literary Societies, Glee Club, Mandolin Club, and Band, all have recognized the merit of their Freshman members.

In scholarship, too, they are in the foremost ranks. After the class had become initiated into the mysteries of "*Mikeology*," and had become acquainted with him whose vigorous blue pencil is surpassed in length only by his name and the future perfect passive of the verbs he loves, great things were forthcoming. But no rose is without its thorn, no gold without some dross. There is a sad story told of a few *Green, Young* Freshmen, tender as a *Swan Fry*, proud as a *Ransomed King* with their *Pence* jingling in their pockets, who feeling strong as *Samson*, *Dooley Troop*-ed along with step as light as *Coult-er Ferry*, to take their *Test*-s. With *Hatt*-s too small for their *Smart* heads, they *Latta* well *Doan* be their expected reward. They found the *Test*-s not so easy as playing "*Duck on Davie*" with the *Miller* or *Shoe-maker* at home and their *Heis*-set and *Golden* expectations were *Nye* killed when their professors, all "*Joners*," would not *Turn*-er-round that their *Faculties* might receive assistance. They *Plumb* "flunked out" and were advised *Mor*-an more to *Sea*-Stone, until when *Mary* Christmas came they did not return from their *Westlund* homes.

The work of this great and noble class has but just begun; but this in so auspicious a manner as to augur unparalled success. Whatever the future may hold in store for them, they will always look back to their Freshman year with satisfaction, for in spite of their great number the class of '04 is bound together by a strong class feeling and genuine good fellowship. But greater than all is their love for Old Purdue.

Editor's Note: Wouldn't that jar you?







ATHLETICS



Athletic Association.

Officers.

J. M. DAVIDSON, '02, ... President.
J. B. KNAPP, '04, ... Vice-President.
L. G. STRAWN, '02, ... Secretary.
G. F. OLSEN, '02, ... Treasurer.
J. W. ESTERLINE, '95, ... Graduate Manager.

Board of Directors.

Faculty: PROF. HUSTON.
 PROF. MORAN
Students: RODNEY HITT, '01.
 T. F. CLARY, '02.
 J. F. G. MILLER, '03.
 HARRY LESLIE, '04.
 JOHN JONES, Pharmacy.
Alumni: W. T. JONES, '91.

Finance Committee.

J. M. DAVIDSON.
PROF. HUSTON.

Athletics—Past, Present and Future.



THE athletic situation has been rather gloomy for the last two years; there has been little encouragement to be had from our continued defeats administered at the hands of our old rivals. It was not so a few years ago, and that very fact makes the present situation only more discouraging. Failure is not a pleasant thing to face. It takes the life out of our new endeavors and there is always the tendency to give up hope. A sure

way to overcome defeat is to find out what was the cause, and when starting anew, profit by your mistakes. It is not hard to find the mistakes we have made, nor the causes which have led to our making them.

What is and has been the cause? To speak plainly, if not pleasantly, it is indifference and lack of proper spirit, not of a few who have done their best to avert the present cloud, but of the student body at large. No enterprise, large or small, can be carried on successfully without some sort of united effort on the part of those interested. Some might say that they are not interested in athletics. So long as sport is controlled and managed by the student body, they are interested, as much as in their class affairs or their society transactions. Do you think for a moment that athletics would have lasted a week when it was first introduced as a factor in this school's affairs, had not those predecessors of ours united themselves as a body to foster

and protect it? You say athletics is firmly established now and so does not need your personal attention. Suppose everyone said that, where would we land? The contrast is great between those determined men who put all their energies into its development and ourselves who stand by and would see it die out. The fault lies at our door, and we must seek to remedy it.

We lack that essential *esprit du corps* that dominated in the early days of our athletic history. In the old days a man, if he was not by nature constituted to win laurels on the athletic field, devoted his voice and his pocketbook to the support of that which is the idol of a college man—his team. Had it not been so, could we ever have won the Western championship in football, or sent world-record men to the track meets? We are better fitted to do such things now than we were then; but we don't. Yes, that is the whole story; they did, we don't. Is it any wonder the old alumni ask, "What is the matter, why don't you do something?" They did things for themselves, we want somebody to do for us.

We have lost sight of that old-time spirit that found voice on Stuart Field in determined cheers, even in the dark moments of defeat. It is not a thing that a man brings with him to college, it is something that he learns after he gets there, something that he absorbs in his daily round, at his work, at his recreation. It is cultivated, not born; and if there is no seed, there is no flower. If we have lost it, there is no seed left to

give to the new arrivals who follow us. Somewhere, surely, there is the mother root with a spark of life left ready to burst in a bright flame with only the right encouragement. Seek it out, give it your aid. It is time that all of us were awakened to the true situation, we have lost our interest in the one thing that concerns the student body the most.

If money is what we need to carry on the work, give the money; it won't fall from the sky. If support is needed on the field, give yours; some other man may not have enough manliness in him to give his. It is going to be a long, up-hill climb from now on for several years. Most of us do not realize that we have been gradually slipping backward until we are almost at

the bottom, and we do not take the situation seriously enough. The present state of affairs is the most serious one we have yet had to face, but if we do not act at once and with concert, there will be much more serious situations in the years to come. Now is the time to begin action and save our best efforts for the continuation of Athletics in future years. Next year we must win, and the years afterward. There must be no such word as fail; each one must put his shoulder to the wheel, to help out of the rut. Those of us who are about to sever our active connection with the University realize the task before you, and will always look forward to the success of the Black and Old Gold.



LEADERS OF THE



P

Football.

A. P. JAMISON,
ALEX SMITH,
J. M. DAVIDSON,
CHAS. DAVIS,

C. H. ROBERTSON,
G. C. McCANN,
F. C. HOHN,
H. LESLIE,

J. W. ESTERLINE,
F. J. MCCOY,
T. V. BERKEY,
JOHN JONES,

C. H. QUINN,
RODNEY HITT,
J. F. G. MILLER,
A. H. BARNES,

E. C. ROBERTSON,
W. A. JOHNSON,
F. L. WATERMAN,
W. T. BERKSHIRE.

Baseball.

W. T. BRONSON,
ARTHUR GREENICK,
T. H. DAVID,

E. C. ROBERTSON,
J. D. MCKEE,
J. L. RUBY,

ROBERT LAIDLAW,
J. W. CORNELL,
G. A. YOUNG.

Track Team.

LOUIS ENDSLEY,
J. W. ESTERLINE,

EARL HENLEY,
R. E. ADREON,

I. B. CORNS,
C. H. ROBERTSON,

O. C. KLIPSCH,
A. A. GREENICH,

F. L. COLE,
A. P. JAMISON.

The Gymnasium.



THE cradle of athletics is the gymnasium, in which the aspiring youths who represent their college on the diamond, or the gridiron, or the track, labor and practice to attain the strength and skill with which to best their opponents.

The college of the present day is not complete without it; teams cannot win without it. Many of the larger schools in the country have housed their athletic interests in the finest building on their campus. Where are we? Back in one corner of the college grounds, hidden by trees, is the barn-like structure we grace with the name of gymnasium. Used as a drill hall until the class of '95 equipped it with partial apparatus, it is without any of the features that are considered necessities in the modern buildings. Is it any wonder that the student body takes but meager interest in its work or benefits? No baths, no lockers, no adequate heating appliances, no seating capacity for spectators; that is what we are compelled to get along without, and still try to compete with colleges that embody all these, and more, in their gymnasiums.

The gymnasium ought to provide a means of keeping in training, all the year round, the various athletic teams supported by the college. It ought to provide a place to keep up the athletic enthusiasm of the student body during the winter months, by frequent indoor meets and basketball games. It gives a means of bringing out promising material for the track and baseball teams, before the weather admits of their venturing out of doors. It ought to allow space for night practice for the football team. It is a necessary adjunct to the daily life of the students who take no active part in school athletics. Is it strange that we do not stand at the top of the list, when we, who have none of these salient advantages, have to meet in contests the men who do? An adequate, modern gymnasium, with all its accessories, is the crying need of the University. With all due respect to the powers that be, we believe that athletics, properly conducted, is good, and that it should not be discouraged by old-fashioned prejudice against it. We need a new gymnasium, and means of supporting it, before we need many of the contemplated improvements.

Football.



THE football season of 1900 was in some ways a disastrous one. None of the big games resulted in a victory, although in one or two the scores do not represent the respective merits of the opposing teams. The State championship was for the second time lost to Indiana by a decisive score. The team at that time was in worse condition than at

any other, four of the regulars being out of the game. There was, however, no letting up or soldiering, and the defeat can only be conceded on one ground—the best team won. The prospects for next year are not extremely promising, but every effort will be made by coaches Balliet and Jamison, to once more put out a winning team.

Schedule for 1901.

Oct.	5.	Wabash	.	.	.	.	.	at	La Fayette.
	12.	Missouri	.	.	.	.	.	at	La Fayette.
	19.	De Pauw	.	.	.	.	.	at	La Fayette.
	26.	Indiana University	.	.	.	.	.	at	Bloomington.
Nov.	2.	Case School of Science	.	.	.	.	.	at	La Fayette.
	9.	Notre Dame	.	.	.	.	.	at	South Bend.
	16.	University of Indianapolis	.	.	.	.	.	at	La Fayette.
	21.	Illinois Wesleyan	.	.	.	.	.	at	La Fayette.
	28.	Northwestern	.	.	.	.	.	at	La Fayette.



Football Team, 1900.

J. W. ESTERLINE, Manager.

W. G. HYLAND, Trainer.

Coaches: A. P. JAMISON, '95; BALLIET, PRINCETON; C. H. ROBERTSON, '96.

'Varsity Eleven.

Right End . . . HITT, HAHN.
Right Tackle . . . BARNES, DAVIS.
Right Guard . . . J. F. MILLER.
Center . . . DAVIDSON.
Left Guard . . . DU SHANE.
Left Tackle . . . CALL, SMITH.

Left End . . . SPADES.
Quarter Back . . . JONES, McCANN.
Right Half Back . . . MCCOY.
Left Half Back . . . ROBERTSON, Capt.
Full Back . . . LESLIE.
Substitutes . . . RIEBEL, ARNOLD, JOHNSON.

Second Eleven.

C. H. QUINN, Coach.

KNAPP.	GALBREATH.	FOREMAN.	MILLS.
CHAMBERS.	HOUSE.	LUCAS.	SWITZER.
FRED MILLER.	MINCH.	BERKSHIRE.	MCINTOSH.

Games. - Season of 1900.

Sept. 29.	Illinois Wesleyan	. 0	Purdue	. 39
Oct. 6.	Chicago	. 17	Purdue	. 5
Oct. 13.	De Pauw	. 5	Purdue	. 28
Oct. 20.	Michigan	. 11	Purdue	. 6
Oct. 27.	Rose Polytechnic	. 5	Purdue	. 46
Nov. 3.	Univ. of Illinois	. 17	Purdue	. 5
Nov. 17.	Earlham	. 0	Purdue	. 38
Nov. 29.	Indiana	. 24	Purdue	. 5
	Total	. 77		172





FOOTBALL TEAM.



1901 BASEBALL TEAM.

1901 Team.

W. T. BRONSON, CAPT.	Pitcher and Left Field.
H. H. IDE	Pitcher.
A. A. GREENICH	Catcher
T. H. DAVID	1st Base.
J. D. MCKEE	2nd Base.
J. W. CORNELL	Short Stop.
J. L. RUBY	3rd Base.
R. E. LAIDLAW	Left Field.
H. G. LESLIE	Center Field.
E. C. ROBERTSON	Right Field.

Schedule for 1901.

Apr. 15.	University of Michigan	at	La Fayette.
19.	University of Notre Dame	at	South Bend.
20.	Culver Military Academy	at	Culver.
27.	University of Minnesota	at	La Fayette.
May 3.	University of Notre Dame	at	La Fayette.
11.	University of Nebraska	at	La Fayette.
14.	University of Indiana	at	La Fayette.
18.	University of Chicago	at	La Fayette.
24.	Wabash College	at	Crawfordsville.
25.	De Pauw	at	Greencastle.
30.	University of Indiana	at	Bloomington.
June 1.	De Pauw	at	La Fayette.
4.	Wabash	at	La Fayette.

Baseball Team.



THE Baseball Team of 1901 starts out with the brightest prospects and best schedule of any team in years. All of the old men, with the exception of M. M. Smith, '00, are back in the game and there is an abundance of new and promising material. Coach Fox has done a good deal of shifting of the men from one position to another,

and it is sure to develop a strong combination. The schedule includes all the big teams in the West, and many of the lesser teams. With proper support the team is sure to win. The pitching staff is rather weak, as only two men have shown sufficient ability as yet. Of these Capt. Bronson is much the better, and will be relied upon to carry the team through the hardest games.

1900 Record.

April 14.	Illinois	.	.	.	.	5	.	Purdue	4
21.	De Pauw	.	.	.	.	9	.	Purdue	8
27.	Notre Dame	.	.	.	.	7	.	Purdue	10
28.	Culver Military Academy	.	.	.	.	10	.	Purdue	12
May 3.	Notre Dame	.	.	.	.	8	.	Purdue	6
5.	Wabash	.	.	.	.	3	.	Purdue	11
12.	Indiana	.	.	.	.	0	.	Purdue	16
15.	Nebraska	.	.	.	.	1	.	Purdue	7
17.	Chicago	.	.	.	.	6	.	Purdue	2
19.	Beloit	.	.	.	.	2	.	Purdue	4
21.	Northwestern	.	.	.	.	10	.	Purdue	3
22.	Lake Forest	.	.	.	.	2	.	Purdue	12
30.	De Pauw	.	.	.	.	3	.	Purdue	4
June 4.	De Pauw	.	.	.	.	5	.	Purdue	6
5.	Wabash	.	.	.	.	4	.	Purdue	25
Total						75			130
Won 10.						Lost 5.			

Basketball.



THE Basketball Team is the newest and most promising team in the school. It was organized at the close of the football season, and under the efficient care of Manager Curd a good schedule of games was arranged. An unbroken record of victories over the best teams in the State gives to us the honor of State champions without dispute. This branch of athletics is well worth cultivating as a means of keeping our athletes in good condition during the winter months, when little or no active work is done. It is a vigorous and excit-

ing game as played by men who have had abundant experience on the gridiron and the diamond, both of which sports it combines.

The present team has deserved the hearty support it has received at the hands of the student body. Let us hope that next year's team will be as successful. The next season's Captain is Reimann, and the financial and business affairs will be conducted again by Manager Curd. With the same team and management, and the prestige due to an unbroken line of victories, we are justified in looking forward to holding the State championship in basketball for at least another year.

Basketball Team.

W. C. CURD, JR., Manager.

H. W. REIMANN, Captain.

H. W. REIMANN, '03	. . .	Forward.
A. D. SMITH, '03	. . .	Forward.
J. F. G. MILLER, '03	. . .	Center.
D. R. LUCAS, '04	. . .	Guard.
J. B. KNAPP, '04	. . .	Guard.

SUBSTITUTES.

H. W. COOK, '03	. . .	Forward.
WM. C. HOLT, '01	. . .	Guard.
L. M. LUCAS, '04	. . .	Guard.
H. H. ARNOLD, '04	. . .	Guard.
D. M. LYNCH, '02	. . .	Forward.

GAMES PLAYED.

Dec.	18.	Danville	. .	4	Purdue	. .	24
Jan.	18.	La Fayette H. S.	. .	7	Purdue	. .	40
	25.	Logansport	. .	5	Purdue	. .	19
Feb.	1.	Culver M. I.	. .	12	Purdue	. .	19
	15.	Wabash	. .	15	Purdue	. .	43
Mar.	1.	Wabash	. .	15	Purdue	. .	17
	2.	Indiana	. .	15	Purdue	. .	20
	11.	Logansport	. .	11	Purdue	. .	12
	12.	La Fayette H. S.	. .	15	Purdue	. .	56
	13.	La Fayette	. .	9	Purdue	. .	77
	21.	Butler	. .	12	Purdue	. .	41
		Opponents	. .	120	Purdue	. .	368



1901 BASKETBALL TEAM.



1900 TRACK TEAM.

1900 Track Team.

Captain, O. C. KLIPSCH, '01.

Coach and Trainer, W. J. HYLAND.

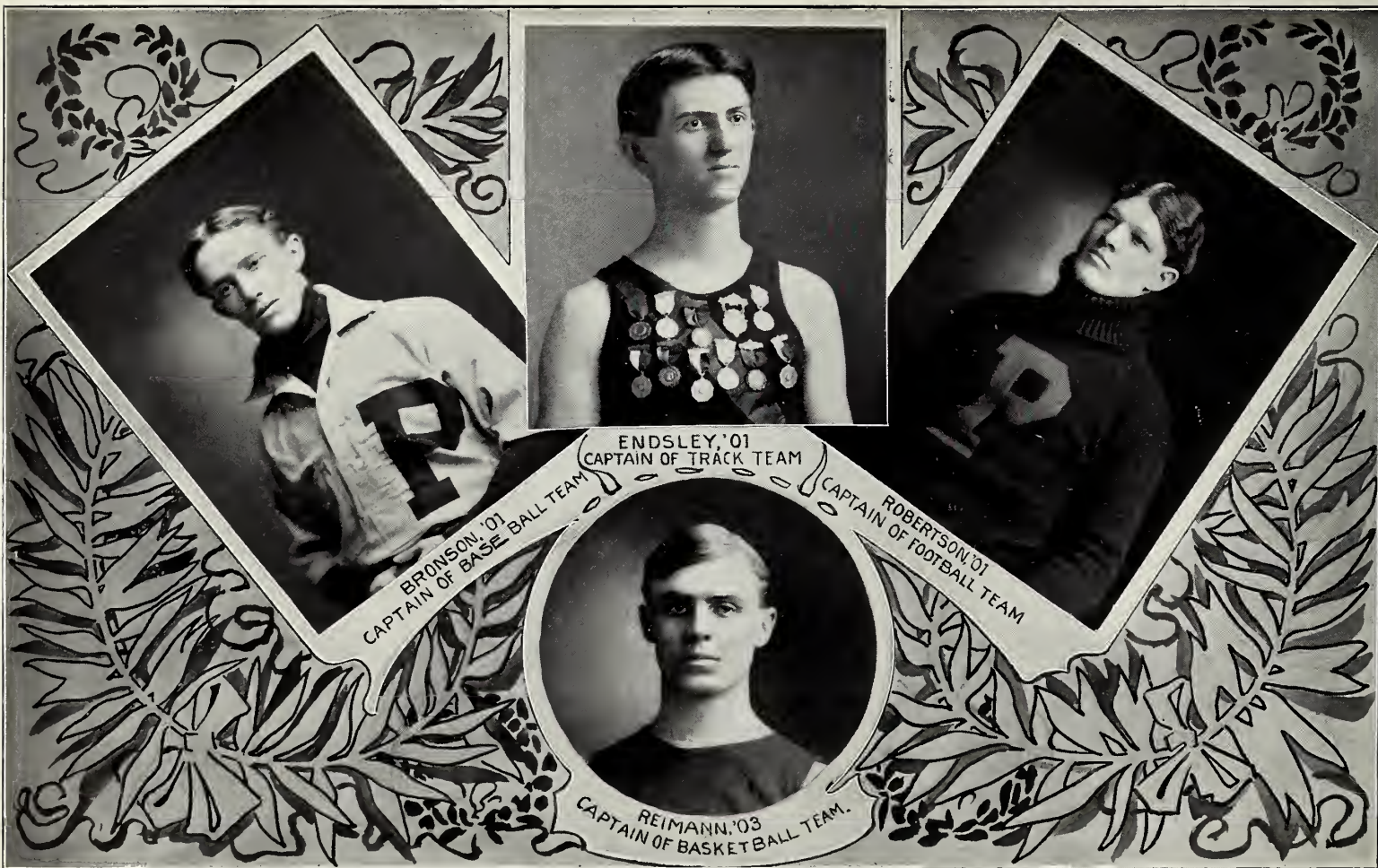
L. E. ENDSLEY, '01.
JOS. ANDREWS, '01.
L. D. NORDSTRUM, '01.
J. L. MEYERS, '00.
J. D. THOMPSON, '00.
V. M. THOMPSON, '00.
F. L. COLE, '99.
J. A. BARNES, '02.
G. F. OLSEN, '02.
R. E. ADREON, '02.
LESLIE HUXTABLE, '02.
P. W. DIRHAM, '02.
ISAAC CORNS, '03.
E. F. MILLS, '03.
WILBUR MARSHALL, '03.
H. S. MARSHALL, '03.
K. KUMPE, '03.
W. E. MILLER, '03.



Purdue Records.

EVENT.	RECORD.	HOLDER.	DATE.
100 Yard Dash	10 sec.	H. C. BUSCHMAN,	1895.
220 Yard Dash	22 $\frac{1}{8}$ sec.	E. E. JONES,	1898.
440 Yard Run	52 $\frac{3}{8}$ sec.	V. K. CASSIDY,	1898.
880 Yard Run	2:07 $\frac{1}{2}$	C. R. GREEN,	1896.
1 Mile Run	4:43	M. PRISELER,	1899.
120 Yard Hurdles	17 $\frac{3}{8}$ sec.	L. E. ENDSLEY,	1899.
220 Yard Hurdles	26 $\frac{3}{8}$	J. D. THOMPSON,	1900.
16 Pound Shot Put	39 ft. 5 in.	J. COOPER,	1893.
16 Pound Hammer	109 ft. 2 in.	C. H. ROBERTSON,	1896.
Discus	95 ft.	ISAAC CORNS,	1900.
High Jump	5 ft. 8 $\frac{3}{4}$ in.	L. E. ENDSLEY,	1900.
Broad Jump	22 ft. 1 $\frac{3}{4}$ in.	ISAAC CORNS,	1900.
Pole Vault	10 ft. 5 $\frac{3}{4}$ in.	L. E. ENDSLEY,	1900.
1 Mile Bicycle	2:24 $\frac{3}{8}$	A. W. ANDERSON,	1897.
5 Mile Bicycle	15:11 $\frac{1}{8}$	A. W. ANDERSON,	1898.
One-Third Mile Bicycle	49 sec.	M. H. SPADES,	1899.





BRONSON '01
CAPTAIN OF BASE BALL TEAM

ENDSLEY '01
CAPTAIN OF TRACK TEAM

ROBERTSON '01
CAPTAIN OF FOOTBALL TEAM

REIMANN '03
CAPTAIN OF BASKETBALL TEAM.

Captains of Teams, 1900—1901.



LOUIS E. ENDSLEY, Captain of the Track Team, is a Senior, 21 years old. He is a member of the Tau Beta Pi and Beta Kappa Kappa fraternities and is one of the popular men in his class. His home is in Richmond, Indiana, where in the High School he first displayed athletic ability. He has three Purdue records,—in high hurdles, high jump, and pole vault,—and two State records.

Edward C. Robertson, Captain of the Football Team, has been twice honored with the position, in 1899 and 1900. He is 24 years old and hails from Helena, Montana. He is a member of the Phi Delta Theta fraternity. As a place kicker and punter he is without an equal in the West, his seven place kicks

in one game being a world's record. He is a fine all-round athlete, playing second base on the baseball team and holding the championship in wrestling. He is a member of the class of 1901.

W. T. Bronson, Captain of the Baseball Team, is one of the best college players in the West. He is a Senior, a member of the Kappa Sigma fraternity. His home is Indianapolis, where he captained the Manual Training School team before entering college. He has played on the team for four years, playing right field and pitcher. He is 22 years old.

Harry W. Reimann, Captain of the Basketball Team, is 19 years old, a Sophomore and a member of the Kappa Sigma fraternity. He captained the Wabash College team before entering Purdue. He is a fine gymnast and all-round athlete.

The Yells.

Purdue! Purdue! rah, rah! rah, rah!
Purdue! Purdue! rah, rah! rah, rah!
Hoorah! Hoorah! bully for old Purdue!

And a vevo! and a vivo!
And a vevo! vivo! vum!
Go get a rat trap
Bigger than a cat trap!
Go get a cat trap
Bigger than a rat trap!
Cannibal! Cannibal! sis boom bah!
Purdue University! rah, rah, rah!

Sis—s—s—s, Boom—m — —, Yahoo—Purdue.

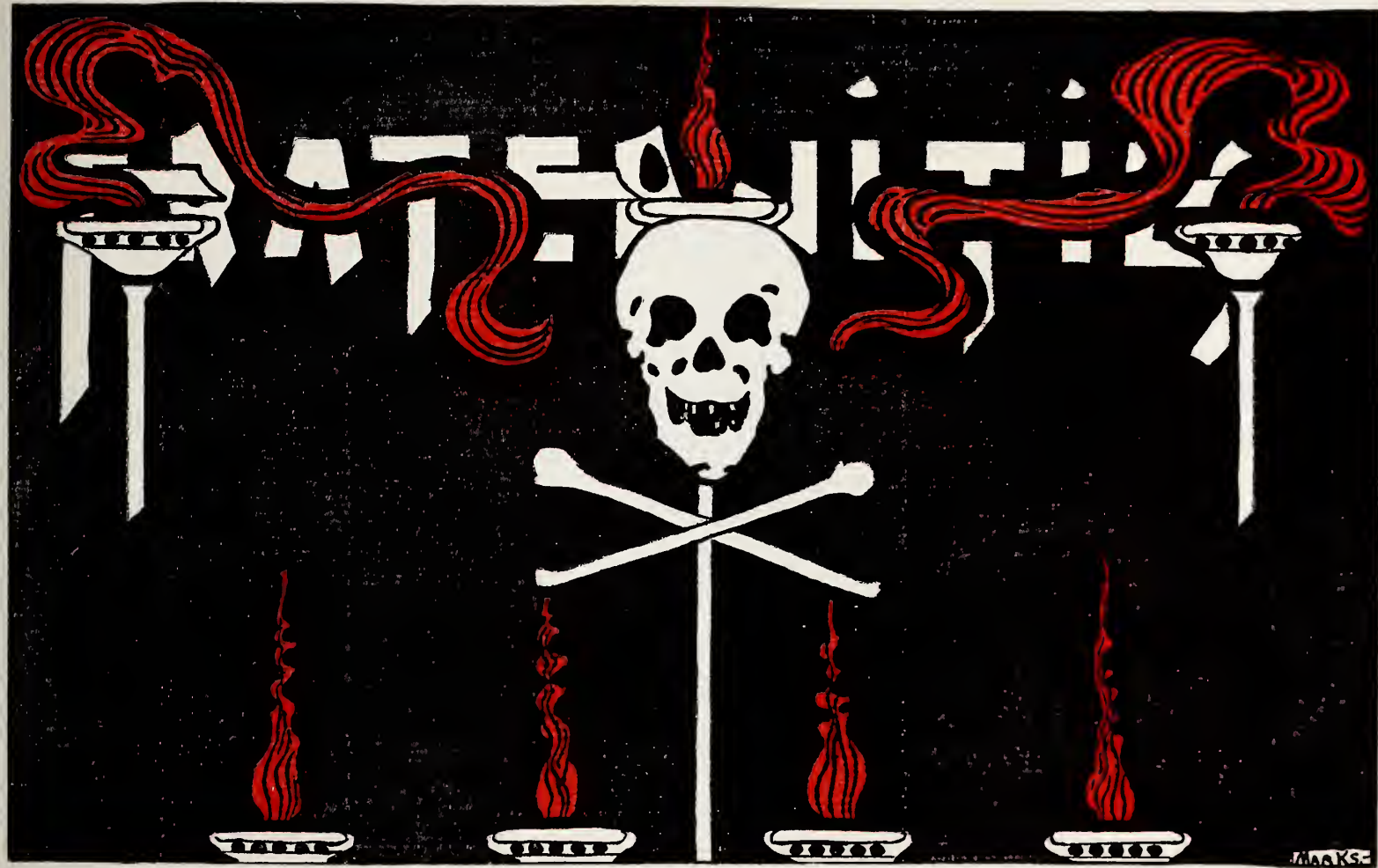
Rah, Rah, Rah!
Rah, Rah, Rah!
Rah, Rah, Rah!
Purdue!

Oskewow wow! skinny—wow—wow!
Skinny—wow—wow! Shinny—wow—wow!
Wow—wow—wow! Purdue!

Say!—What?
That's what! What's what?
That's what they all say! What do they all say?
Purdue!

Who was George Washington?
First in war! First in peace!
First in the hearts of his countrymen!

EDITOR'S NOTE: We have a couple more that cannot be
put in print. One begins:
Rattle tas rat! tas rat! tas rat!



Sigma Chi.

FOUNDED 1855.

OFFICIAL ORGAN: Sigma Chi Quarterly.
COLORS: Blue and Gold.

SECRET ORGAN: Sigma Chi Bulletin.
FLOWER: White Rose.

Delta Delta Chapter.

ESTABLISHED 1875.

Fratres in Urbe.

Charles Almus Marsteller, Ph. B.
Col. R. P. DeHart.
George F. Jamison.
Charles Sumner Downing.
Franklin C. Brockenbrough.
Edward M. Davidson, Ph. G., M. D.
William K. Eldridge.
William R. Coffroth, LL. B.
James Henry Wells, B. M. E.
Clarence Severson.
Robert Rice.
William Edward Beach, Ph. B.
Clarence Madison Bivens, B. S.
Samuel N. Snoddy.
Alva Owen Reser.
Henry Heath Vinton, B. S., LL. B.
Hugh Coffroth Address.
Wilber Fiske Severson, LL. B.
William Kirkpatrick.
S. R. Jackson.
William Murdock.
Robert Van Zant.
William Stair Walters, D. D. S.

Fratres in Universitate.

1901.

Josiah Harding Andrews.
Charles Douglas Barrett.
Cecil Gross Fowler.
William Avery Atkins.
Alexander Chambers.

1902.

Frank Biggs Timberlake.
Robert Enos Adreon.

1903.

Thomas Milton Andrews.
James Gale Van Winkle.
John William Graham.
James Louis Graham.
James Moses Fowler.

1904.

James Graham Brown.
Claude William Heiser.
Martin Lanier Pierce.
Arthur Cumler Peters.
Carl Frederick Diether.



Sigma Chi.

FOUNDED 1855.

OFFICIAL ORGAN: Sigma Chi Quarterly.

COLORS: Blue and Gold.

SECRET ORGAN: Sigma Chi Bulletin.

FLOWER: White Rose.

Roll of Chapters.

Miami University.

Ohio Wesleyan University.

Columbia University.

Washington and Lee University.

Tulane University.

Lehigh University.

Northwestern University.

University of Kansas.

Leland Stanford, Jr., University.

West Virginia University.

Ohio State University.

Columbia University.

Cornell University.

Illinois Wesleyan University.

Purdue University.

De Pauw University.

Butler University.

Denison University.

Bucknell University.

Randolph-Mason College.

Gettysburg College.

Hanover College.

Hampden-Sidney College.

Albion College.

Hobart College.

University of Nebraska.

Vanderbilt University.

University of Michigan.

University of Indiana.

University of Mississippi.

University of Virginia.

University of Chicago.

University of California.

Missouri State University.

University of Texas.

University of Cincinnati.

University of Pennsylvania.

University of Southern California.

University of Wisconsin.

University of Illinois.

Massachusetts Institute of Technology.

Dickenson College.

Pennsylvania State College.

Centre College.

Dartmouth College.

Kentucky State College.

Kappa Sigma.

FOUNDED 1867.

OFFICIAL ORGAN: Caduceus.

SECRET ORGAN: Star and Crescent.

FLOWER: Lily of the Valley.

COLORS: Old Gold, Peacock Blue and Maroon.

Chi Chapter.

ORGANIZED 1885.

Fratres in Urbe.

William S. Brockenbrough.

J. Lyndon Van Natta.

Roy S. Walker.

Daniel Royse.

Willard P. Heath.

Daniel E. Storms.

Charles D. Gavan.

Earl A. Means.

David C. Braden.

S. G. Van Natta.

Frater in Facultate.

Alpha Pierce Jamison.

Fratres in Universitate.

'01.

Walter T. Bronson.

Thomas H. David.

William H. Prentice, Jr.

Harry W. Brown.

'02.

Harry F. Vincent.

J. H. Leon Vogt.

'03.

Harry S. Marshall.

Fred L. Waterman.

Horace G. Reisner.

H. Wallace Reimann.

William C. Curd, Jr.

'04.

William G. McManus.

Carl F. Mayer.

Pharmacy.

'02.

W. Stanley Jones.



Kappa Sigma.

Chapter Roll.

District I.

University of Maine.
Bowdoin College.
University of Vermont.
Brown University.
Cornell University.

District II.

Swarthmore College.
Pennsylvania State College.
University of Pennsylvania.
Bucknell University.
Washington and Jefferson College.
University of Maryland.
Columbian University.
Lehigh University.

District III.

University of Virginia.
Randolph-Macon College.
William and Mary College.
Hampden-Sidney College.
Richmond College.
Davidson College.
Trinity College.
University of North Carolina.

District IV.

Wofford College.
Mercer University.
University of Alabama.
Alabama Polytechnic Institute.
Georgia School of Technology.

District VI.

Millsaps College.
Louisiana State University.
Centenary College.
Tulane University.
University of Texas.
Southwestern University.

District V.

Cumberland University.
Vanderbilt University.
University of the South.
Southwestern Baptist University.
University of Tennessee.
Southwestern Presbyterian
University.
Bethel College.
Kentucky University.

District VII.

University of Arkansas.
William Jewell College.
Missouri State University.
University of Nebraska.

District VIII.

Ohio State University.
Purdue University.
Wabash College.
University of Indiana.

University of Illinois.
Lake Forest University.
University of Wisconsin.

District IX.

Leland Stanford, Jr., University.

Sigma Nu.

Beta Zeta Chapter.

ORGANIZED OCTOBER 26, 1892.

Fratres in Facultate.

Edward Ellsworth Reynolds, M. E. John Walter Esterline, B. E. E.
Oliver Frederick Slimp, B. E. E.

'01.

Arthur W. Howard.
Fred J. McCoy.
James Elbert Slimp.

'02.

Geo. A. Smith.
Geo. H. Woodfield.
Merrill A. Call.

'03.

Harry D. Hartley.
Frank Glass.
Jno. C. Scott.
Wilmer Wilson.
Ed. Campbell.
Walter H. Stevens.

'04.

Charles Pynchon.
Clinton G. Reed.
Louis I. Read.
Robert Vinnedge.



Sigma Nu.

FOUNDED AT VIRGINIA MILITARY INSTITUTE, JANUARY 1, 1869.

OFFICIAL ORGAN: Delta of Sigma Nu.

COLORS: Black, White and Gold.

SECRET ORGAN: The Sub-Rosa.

FLOWER: White Rose.

Chapter Roll.

Central University.

Tulane University.

Emory College.

Alabama Polytechnic Institute.

University of California.

University of Kansas.

University of Iowa.

University of Texas.

North Georgia College.

Muncie University.

De Pauw University.

Rose Polytechnic Institute.

University of Louisiana.

Lombard University.

Washington and Lee University.

University of Georgia.

University of Alabama.

Vanderbilt University.

Bethel College.

William Jewell College.

Lehigh University.

Leland Stanford, Jr., University.

North Carolina A. and M. College.

University of North Carolina.

Ohio State University.

University of Indiana.

University of Virginia.

University of Missouri.

Purdue University.

Albion College.

Mt. Union College.

Northwestern University.

Georgia Institute of Technology.

University of Washington.

Stevens Institute of Technology.

Phi Delta Theta.

FOUNDED AT MIAMI UNIVERSITY, 1848.

ESTABLISHED AT PURDUE, 1893.

COLORS: Argent and Azure.

PUBLICATION: The Scroll.

FLOWER: White Carnation.

YELL: Rah! Rah! Rah!

Phi-keia!

Phi Delta Theta

Rah! Rah! Rah!

Frater in Facultate.

Robert Sample Miller.

Fratres in Urbe.

Dr. Geo. F. Keiper.

Prof. Horace Ellis.

W. F. Stilwell.

Roy Wallace.

Wm. Waurick.

Rev. H. L. Davis.

M. E. Sherry.

Melville B. Wells.

Ray W. Stoy.

Geo. P. Miller.

Oliver B. Leonard.

Joseph M. Taylor.

Earnest Moore.

Fratres in Universitate.

'01

Harry R. Wilson.

R. E. Laidlaw.

C. M. MacGregor.

Llewellyn Williams, Jr.

Almon G. Mace.

Albert M. Hopper.

Edward C. Robertson

'02

Stewart W. Weyer.

Chas. D. Porter.

Wm. P. Schofield.

John M. Davidson.

Malcolm R. White.

Alva W. Hopper.

'03

John B. Bartholomew.

John F. G. Miller.

Chas. W. Wilson.

Wm. L. Russell.

'04.

Edward R. Johnson.

H. C. Bowser.

Porter G. Jones.

Alex P. Wood.

Fred J. Ward.

Guy C. Williams.

Sam G. Clifford.

Geo. Middleton.

Leroy Bryant.



Phi Delta Theta.

Chapter Roll.

Alpha Province.

Colby College.
Dartmouth College.
University of Vermont.
Williams College.
Amherst College.
Brown University.
Cornell University.
Union College.
Columbia University.
Syracuse University.
La Fayette College.
Pennsylvania College.
Washington and Jefferson College.
Allegheny College.
Dickinson College.
University of Pennsylvania.
Lehigh University.

Beta Province.

University of Virginia.
Randolph-Macon College.
Washington and Lee University.
Centre College.
University of North Carolina.
Central University.
Vanderbilt University.
University of the South.

Gamma Province.

University of Georgia.
Emory College.
Mercer University.
University of Alabama.
Alabama Polytechnic Institute.

Eta Province.

University of Mississippi.
Tulane University.
University of Texas.
Southwestern University.

Delta Province.

Miami University.
Ohio Wesleyan University.
Ohio University.
Ohio State University.
Case School of Applied Science.
University of Cincinnati.
University of Michigan.

Epsilon Province.

Indiana University.
Wabash College.
Franklin College.
University of Indianapolis.
Hanover College.
De Pauw University.
Purdue University.

Theta Province.

University of California.
Stanford University.
University of Washington.

Zeta Province.

Northwestern University.
University of Chicago.
Knox College.
Lombard University.
University of Illinois.
University of Wisconsin.
University of Minnesota.
Iowa Wesleyan University.
University of Iowa.
University of Missouri.
Westminster College.
Washington University.
University of Kansas.
University of Nebraska.

Alumni Clubs.

Boston, Mass.
Providence, R. I.
New York, N. Y.
Philadelphia, Pa.
Macon, Ga.
Cincinnati, Ohio.
Athens, Ohio.
La Crosse, Wis.
Denver, Col.
St. Louis, Mo.
Spokane, Wash.

Austin, Texas.
Louisville, Ky.
Nashville, Tenn.
Baltimore, Md.
Washington, D. C.
Montgomery, Ala.
Akron, Ohio.
Detroit, Mich.
Milwaukee, Wis.
Salt Lake City, Utah.

San Francisco, Cal.
Seattle, Wash.
Mobile, Ala.
New Orleans, La.
Pittsburgh, Penn.
Richmond, Va.
Selma, Ala.
Cleveland, Ohio.
Chicago, Ills.
Minneapolis, Minn.

St. Paul, Minn.
Los Angeles, Cal.
Syracuse, N. Y.
Franklin, Ind.
Indianapolis, Ind.
Columbus, Ga.
Atlanta, Ga.
Birmingham, Ala.
Columbus, Ohio.
Galesburg, Ills.
Kansas City, Mo.

Sigma Alpha Epsilon.

Indiana Beta Chapter.

ORGANIZED: May 18, 1893.

Frater in Urbe.

Paul Backus Sawyer.

Fratres in Universitate.

1901.

Morris E. Breunig.

1903.

Harry C. May.

Roy E. Clisby.

Leonard D. Brownell.

O. Preston Smith.

Albert W. McHenry.

Post Graduate.

Frank Edward Mueller.

1902.

H. M. Harris.

Richard C. Canterbury.

Anthony Maischaider.

Herman E. Rhodes.

Harry J. Shaw.

Frederick B. Hoff.

Ross G. Thomas.

1904.

Walter L. Taylor.

Irvin E. Artz.

Charles E. Bird.

Carl D. Smith.

Jno. H. Dunham.



Sigma Alpha Epsilon.

FOUNDED: 1856.

INCORPORATED: 1892.

OFFICIAL ORGAN: The Record.

SECRET MAGAZINE: Phi Alpha.

COLORS: Royal Purple and Old Gold.

FLOWER: Violet.

Roll of Chapters.

Province of Alpha.

Massachusetts Institute of Technology.
Boston University.
University of Maine.

Howard University.
Trinity College.
Worcester Polytechnic Institute.

Province of Beta.

Cornell University.
Columbia University.
University of Pennsylvania.
Pennsylvania State College.
St. Stephens College.
Alleghany College.
Dickinson College.
Bucknell University.

Province of Gamma.

University of Virginia.
Washington and Lee University.
University of North Carolina.
Georgia School of Technology.
Furman College.
University of Georgia.
Mercer University.
Emory College.
Davidson University.
Wofford College.

Province of Delta.

University of Michigan.
University of Illinois.
University of Cincinnati.
Franklin College.
Mount Union College.
Purdue University.
Northwestern University.
Ohio State University.
Ohio Wesleyan University.
Adrian College.

Province of Epsilon.

Central University.
Bethel College.
Southwestern Presbyterian University.
Cumberland University.
Southern University.

Alabama Agricultural and Mechanical
College.
Vanderbilt University.
University of Tennessee.

University of the South.
University of Alabama.
Southwestern Baptist University.
University of Mississippi.

Province of Zeta.

Simpson College.
Washington University.
University of Missouri.
University of Nebraska.

Province of Eta.

University of Colorado.
Leland Stanford, Jr., University.
Denver University.
University of California.

Province of Theta.

Louisiana State University.
University of Arkansas.
Tulane University.
University of Texas.

Alumni Associations.

New York.
Chicago.
Boston.
Atlanta.

Cincinnati.
Savannah.
Pittsburg.
Augusta.

Alliance.
Chattanooga.
Kansas City.
Jackson.

Cleveland.
Detroit.
New Orleans.

Tau Beta Pi.

ORGANIZED: April 10, 1893.

COLORS: Brown and White.

Brothers in the City.

Cloyd Marshall.	J. B. Meyers.
W. A. Drake.	Hugh H. Barcus.
John A. Newlin.	Charles Ducas.
John W. Bent.	

Brothers in the Faculty.

William D. Pence.	A. Franklin Chamberlain.	J. Walter Esterline.
Edward E. Reynolds.	Richard A. Smart.	Channing Rice Dooley.
Llewellyn V. Ludy.	James D. Hoffman.	Lloyd E. King.
Robert S. Miller.	Clarence H. Robertson.	Gilbert A. Young.
Benjamin C. Waldenmaier.	Edwin B. Smith.	Charles V. Seastone.

Brothers in the University, 1901.

Harold J. Robertson.	Hugh B. Hatch.	Bruce Rollman.	Harry W. Brown.
Edward Mahin.	Louis E. Endsley.	Cale R. Gough.	Charles D. Barrett.
Clarence G. Tarkington.	Arnet S. McBroom.	Edwin Lehr.	William A. Hull.
Oscar C. Klipsch. (Wilbur Scholar.)	Otto W. Buenting.	Ernest G. Holladay.	Alfred F. Welch.
Arthur A. Greenick.	Le Roy B. Vanderbilt.	Louis G. C. Mayer.	Wyman Eaton.
			Willard Lannerd.

1902.

Charles D. Porter. (Wilbur Scholar.)	Fred C. Hanker.	Burton A. Bertenshaw.
Cicero B. Veal.	Dossey M. Lynch.	William Aitkenhead.
Ned J. Wheeler.	Thomas A. Cleary.	Perry W. Dirham.
Theodore W. Newburn.	Frank Harshaw.	Robert I. Rheinstrom.
	Howard L. Anderson.	



Tau Beta Pi.

Roll of Chapters.

ALPHA OF PENNSYLVANIA, Lehigh University, Founded 1885.

ALPHA OF MICHIGAN, Michigan State Agricultural College, Founded 1892.

ALPHA OF INDIANA, Purdue University, Founded 1893.

ALPHA OF NEW JERSEY, Stevens Institute of Technology, Founded 1896.

ALPHA OF ILLINOIS, University of Illinois, Founded 1897.

ALPHA OF WISCONSIN, University of Wisconsin, Founded 1899.

ALPHA OF OHIO, Case School of Applied Science, Founded 1900.

Beta Kappa Kappa.

ORGANIZED : 1898.

COLORS : Turquoise and Old Rose.

Frater in Urbe.

William A. Drake.

Fratres in Facultate.

Ben. C. Waldenmaier.
Channing Rice Dooley.

Frater in Universitate. 1899.

Fred L. Cole, B. S.

1901.

Louis Eugene Endsley.
G. Franklin Endicott.

1902.

Harry Woodworth Shimer.
Earl Wallace Winans.
Edward N. Dashiell.
Earle Burr Henley.
J. Walter Dietz.
Earl Edgar Young.
Frank Harshaw, Jr.

1903.

John Hornbrook.
Judson Hartwell Boughton.
Clyde Coal Henley.
Roy Elder Adams.
Carl A. Nottingham.

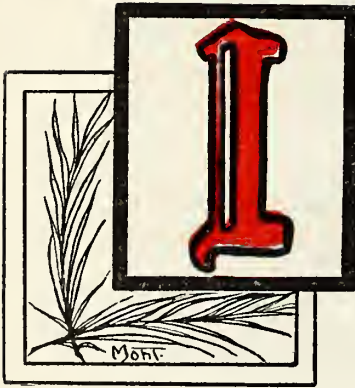
1904.

John Newberry Reynolds.
Julius George Kirby.
Irvin Clayton DeHaven.





Irving.



IRVING enjoys being the parent literary society of our institution, having been the first organization of its kind at Purdue. Since its organization in 1875, the society has undergone a healthy growth in prestige as well as in numbers. The membership of the past year, although below the limit, has been of that ideal number which best permits of excellent work and good fellowship.

The annuals serve as indications of the quality of the work done by the societies, and of the material of which the societies are composed. Irving's annuals have always spoken well for the efforts of its members.

The extreme scientific and commercial atmosphere that seems to pervade our University and everything connected with it, does not encourage excellence in literary attainment. Yet

the society feels that the character of its work is fully up to the standard of that attained in like organizations in schools of more decidedly literary character. Although the work is designed merely to give the members a fair understanding of composition, elocution, and parliamentary law, several men, occupying prominent places in the literary world, have been, we are proud to say, members of Irving during their college careers.

The aim of the society is to elect only such members as have shown literary ability, or have expressed a desire to benefit themselves by the literary training Irving affords. Exclusiveness resulting from the literary qualifications required is reinforced by certain social qualifications. But in spite of this exclusiveness, the all-round intellectual development of its members is what the society is ever striving for; and the unwritten law of the society is, "The members are not for Irving; but Irving is for its members."

Irving Annual.

MUSIC	Signor G. Marone.
INVOCATION	Mr. C. H. Robertson.
MUSIC	Mrs. Hatt and Miss Millspough.
PRESIDENT'S GREETING	Perry W. Dirham.
MUSIC.	
RECITATION—Selections from "The Tale of Two Cities" . . .	Harrison Walters.
STORY—"The Value of T"	Leon Silberberg.
MUSIC	Misses Baum and Morrison.
ORATION—"The Iron Chancellor	Hugo Lund.
RECITATION—"The Party"	John C. Huffman.
MUSIC	Signor Marone.
STORY—"A Romance of Two Worlds"	Ory F. Foster.
MUSIC	Mrs. Hatt.
ORATION—"The Barrier in the Neva"	Perry W. Dirham.
MUSIC	Miss Millspough.

RECEPTION IN IRVING HALL.

Irving Literary Society.

P. W. DIRHAM . . . President.
O. L. FOSTER . . . Vice-President.
E. H. MYERS . . . Recording Secretary.
HARRISON WALTERS . Critic on the Right.
J. C. HUFFMAN, . Critic on the Left.
JOHN LAMMADEE . . Marshal.

Members.

1901.

Hugo Lund, H. B. Hatch,
John H. Jaschka, A. M. Wilson,
E. T. Smith.

1902.

P. W. Dirham,
S. R. Mitchell,
D. M. Lynch,
E. E. Young,

O. L. Foster,
H. Walters,
J. C. Huffman,
K. B. Duncan.

1903.

John Lammadee,
A. J. Crane,
W. Connor,
A. W. Gregg,

L. Silberberg,
C. P. Joy,
J. L. Ruby,
H. A. Berthold.

1904.

A. L. Walters, C. P. Smith,
H. Johnson, E. H. Myers,
H. F. Herrick.



Carlyle Literary Society.



NE Friday night in the winter of 1881, there met together in a room in the "Dorm." twenty-six young men, students of Purdue University, who there organized the Purdue Literary Society, later changed to Carlyle. Realizing that in a purely scientific school a broad opportunity for literary work is needed, they organized the society so as to afford the greatest possible advantages for work of this kind.

But although fundamentally founded for literary purposes, Carlyle has ever recognized the advantages to be derived from the social side of college life, and has ever striven to promote closer relations between her members and greater intimacy among all students. In furtherance of this object it has been their custom to give from time to time open meetings, mock trials and picnics, to which the student body are invited and cordially received.

In University affairs and organizations Carlyle has ever been foremost. It is to this society that the Exponent owes its founding, after several previous attempts to start a college paper at Purdue had failed. In her annuals Carlyle has been surpassed by none, and has often deviated from the long-trodden paths of custom, in giving special programs, plays, etc.

But it is not alone during their college life that Carlyle takes an interest in her members, for after they have left her hall, their careers in life are followed with interest, and each success to which they attain is greeted with pleasure by those who have taken up the work which they began. That this continued interest is reciprocal, is shown by the granting of the "Jones Medal," a medal given to some member of the society each year by a Carlyle alumnus.

Thus have the purposes of the founders of Carlyle been carried out, until to-day she occupies a place second to none in the hearts of her members past and present, and in the opinions of all acquainted with her aims and the work which she has accomplished.

Carlyle Literary Society.

MOTTO: Studete Literas.

COLORS: Crimson and Gold.

Officers.

G. F. ENDICOTT,	President.
J. L. THORNBURG,	Vice-President.
T. FOUTS,	Recording Secretary.
E. J. STEVENS,	Corresponding Secretary.
C. W. ELY,	Treasurer.
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R. L. NELSON,	Sergeant-at-Arms.

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L. W. Shoemaker.

1902.

R. L. Nelson,
F. K. Mueller,
C. W. Ely,
W. S. Dow,
T. Fouts.

1904.

C. E. Pynchon,
C. A. Nottingham,
W. F. Hequemberg.

1903.

E. J. Stevens,
H. P. Kieffer,
J. L. Thornburg,
W. H. Stevens,
W. M. Hoen,
G. R. Berry,
O. A. Berry,
C. H. Smart.



Annual Program.

INVOCATION,	Dr. Hale.
PRESIDENT'S ADDRESS,	G. F. Endicott.
REVIEW OF INDIANA AUTHORS,	L. V. Shoemaker.
MUSIC	String Quartette.
"FABLES IN SLANG,"	H. P. Kieffer.
"SELECTIONS FROM RILEY,"	R. L. Nelson.
MUSIC	Miss Eva Linn.
"READING FROM WALLACE,"	E. J. Stevens.
"IMPERSONATION FROM TARKINGTON,"	Carl Nottingham.
MUSIC	Mr. Kittridge.
"REMINISCENCES OF M. THOMPSON,"	H. C. Hohn.
"IMPERSONATION FROM EGGLESTON,"	G. F. Endicott.
MUSIC	Miss Eva Linn.

Une Reunion Athletique par les membres de la Faculté.

Emersonian Literary Society.



THE curriculum of a technical school cannot give the best opportunity for literary training, and for this reason the literary societies have supplemented the work of the school.

The Emersonian as a student organization holds its share of credit and honor and continues to make good progress under rules, regulations and customs that will enable it to continue its growth.

The work of the society affords many opportunities, in keeping members in touch with the works of noted literary men; training the members to think and express their thoughts when speaking in public, and gives good practice in composition.

Another important feature is the training in parliamentary rules, which is very valuable to every American citizen. And the social advantages of any such an organization cannot help but be of value to its members. The Emersonian Literary Society, though without a hall, and thus working under adverse circumstances, is, nevertheless, in a thriving condition.

Emersonian Annual.

INVOCATION, ...	Rev. H. T. Gary.
MUSIC, ...	Miss Morrison.
PRESIDENT'S ADDRESS—"Waste Energy,"	W. Brunner.
ESSAY, ...	J. B. Williams.
DECLAMATION—"Dot Lettle Poy of Mine," (Riley)	W. Lannerd.
MUSIC, ...	Mrs. Rice.
ORATION—"Dowie-ism,"	R. W. Ingersoll.
STORY—"Point of View,"	J. W. Dietz.
MUSIC	Bernard Sobel.
ORATION—"The Man of Destiny,"	J. C. Wilkins.
FABLE, ...	Wm. Aitkenhead.
MUSIC, ...	Mrs. Rice.
BENEDICTION, ...	Rev. H. T. Gary.

Emersonians.

MOTTO: Wie die Arbeit, so die Belohnung.

COLORS: Cream, Shrimp Pink, Nile Green

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R. B. RENNER, '02, . . . Critic on the Left.
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J. B. WILLIAMS, '03, . . . Librarian.

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1901.

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W. Lannerd,
C. W. Moore.

1902.

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J. W. Dietz,
W. Aitkenhead,
H. O. Garman,
R. W. Ingersoll,
R. B. Renner.

1903.

G. A. North,
J. C. Wilkins,
J. B. Williams.
C. H. Hall.

1904.

O. A. Brown,
W. L. Herkless,
A. S. Thomas,

W. H. Vinal,
J. C. Marquis,
H. D. Holman,
W. Crow.

D. Brane,
D. S. Brown,
E. W. Koontz.



The Philaethean Literary Society.



WENTY-THREE years ago the Philaethean Literary Society was organized. The object in view, in organizing this society was two-fold, literary and social.

The primary object in its organization was to supplement the work of the English Department, to encourage a taste for good literature and the use of good English, to enable its members to speak publicly with ease and

fluency and to acquaint its members with correct parliamentary usage. The secondary object in its organization was for the purpose of enabling the girls of the University to become better acquainted, that they might be mutually helpful.

The standard of the work done by the society, at any given time, is dependent upon the personnel of the society. The society has been fortunate this year in having on its list of members

the names of a number of very strong girls. The work of the society for the past year has been a study of French Art, Literature, and History, together with frequent miscellaneous programs. The field being a new one, the work, like all pioneer work, has been hard, and sometimes far from ideal, yet upon the whole, it has been beneficial and satisfactory.

A number of special programs have been given during the year. It has not been the policy of the society to eulogize the work done, and for this reason the writer has sought to avoid that tendency in this write-up, believing that true worth, like murder, will out. One of the best indices to the work of a literary society is the annual program. The Philaethean Society is perfectly satisfied to be judged by this standard.

A beautiful gold medal, known as the "McRae Medal," is awarded each year by Mrs. Emma Mont. McRae to the girl who, in the estimation of the society, is most proficient in the use of the English language, and who has been most prompt and loyal in the discharge of her duties as member of the society.

Philalethean Literary Society.

Officers.

MOTTO: Per Augusta, ad Augusta.

COLORS: Light Blue and Scarlet.

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MURIEL ALFORD, . . .	Vice-President.
LOIS YAGER, . . .	Corresponding Secretary.
NELLIE TAYLOR, . . .	Recording Secretary.
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MINA CRAMPTON, . . .	Censor.
EDITH GREEN, . . .	Critic on the Right.
EDITH TOBIAS, . . .	Critic on the Left.
MARGARET HAYWOOD, . . .	Sentinel.

Members.

Post Graduates.

Sadye Stallard, Effie Kieffer.

Seniors.

Ethel Montgomery,
Margaret Haywood,
Prudence Yager,
Georgiana Lindley.

Juniors.

Bernice Baker,
Muriel Alford,
Edith Green,
Estelle Marshall,
Madge Ridgley,
Mary Thompson,
Edith Tobias,
Mary Waesche,
Frances De Frees.

Sophomores.

Emma Cunningham,
Mina Crampton,
Mary Gatten,
Mae Guest,
Florence Gates,
Lulu Haywood,
Carrie Mustard,
Carrie Richardson,
Anna Thompson.

Freshmen.

Lois Yager,
Nelle Switzer,
Lyla Marshall,
Cecil Crane,
Nelle Taylor,
Florence Woodfield.



Annual Program Philaethean Society.

MUSIC, ...	Miss Callahan.
{ PRESIDENT'S ADDRESS, ...	Georgiana Lindley.
{ ESSAY—"Paris,"	Ethel Tobias.
MUSIC, ...	Mr. Kittridge.
{ VICTOR HUGO, ...	Mary Waesche.
{ ORATION—"French Revolution,"	Frances De Frees.
VOCAL SOLO, ...	Miss Callahan.
{ ROSA BONHEUR, ...	Ethel Montgomery.
{ CHAMINADE, ...	Nelle Taylor.
VOCAL SOLO, ...	Lyndon Kittredge.
{ RECITATION, ...	Edith Green.
{ STORY, ...	Mina Crampton.
MUSIC, ...	Miss Callahan.
PLAYETTE, "The Apple of Discord."	

Characters:

JUNO, ...	Cecil Crane,
PARIS, ...	Bernice Baker,
VENUS, ...	Margaret Ridgley.
MINERVA, ...	Muriel Alford.



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C. D. Porter.

Our College's Paper.



F.W.D.

The Purdue Exponent

Published Weekly during the College Year by the four
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William J. Bruner



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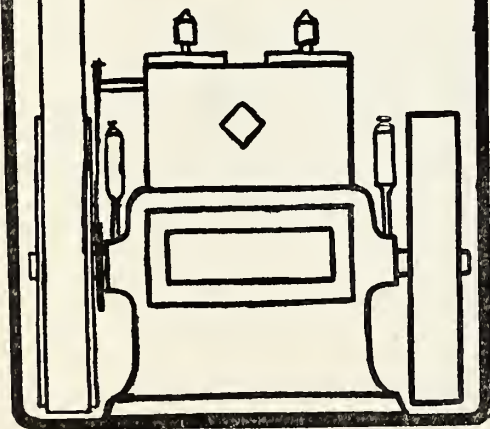


J. E. Jones

TECHNICAL
SOCIETIES

MARKS-

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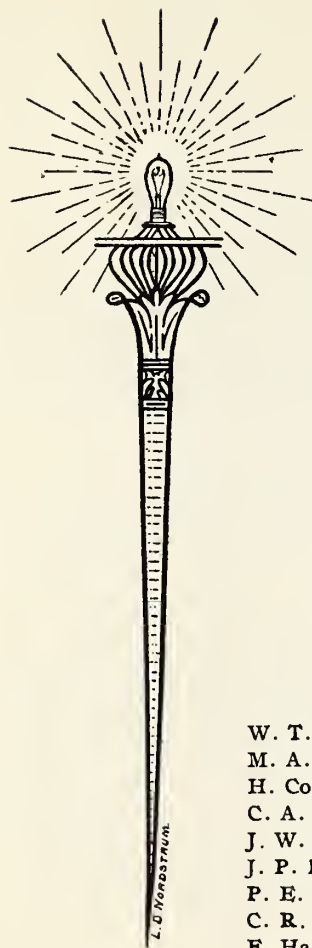
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Electrical Society.



WHILE Purdue's Electrical Society is one of the young organizations of the University life, it is filling its mission. Interest in the problems that are to come to the engineer after graduation prompted the founding of the society, and has kept it in its flourishing condition.

It is here that the students of electrical subjects come more closely in contact, and are drawn together by a feeling of common interest and purpose. The men of the four classes are eligible to membership. The fee is not burdensome, so none is deprived of its privileges on that account.

The programs given at the regular semi-monthly meetings of the society are an index to its work. Subjects of current importance are treated by the members. Effort is made to bring out clearly the subject in hand, and the presenting of some of the difficult technical questions is very often accompanied by diagrams and sketches which aid materially. The benefit ob-

tained from such participation is not all that a member gets from these meetings. The general discussion which follows the presenting of the topic is very helpful. One part of the program is especially designed to keep the members in touch with the activity that is going on in the very circles in which we are preparing to take up our part. Any organization which can bring this help to its members is surely worthy of the time required for attendance at its meetings or preparation for its program. Occasional talks by practical men are a source of much help, as they broaden our views or encourage us to greater interest and activity. Contact with such men is always helpful.

This society fills a place in the work of the course which class-room and laboratory cannot supply. The society has the hearty encouragement and assistance of the department, yet there is the feeling that what the society is and what benefit can be gotten from it depends entirely upon the students of the School of Electrical Engineering.



AGRICULTURAL SOCIETY

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 CHAS. FRAZIER, Sentinel.

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 C. W. Moore.
 H. A. Miller.
 A. G. Mace.
 C. I. Reamer.
 Will Simons.
 L. V. Shoemaker.
 C. P. Vestal.

1902.

Taylor Fouts.
 Chas. W. Ely.
 J. G. Miller.

1903.

P. K. Christie.
 H. C. Lewis.

1904.

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 J. F. Beckman.
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 Harry Mitchell.
 J. C. Marquis.
 H. Mills.
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 H. F. McMahan.
 H. S. Todd.
 H. E. Van Norman.

The Purdue Agricultural Society.



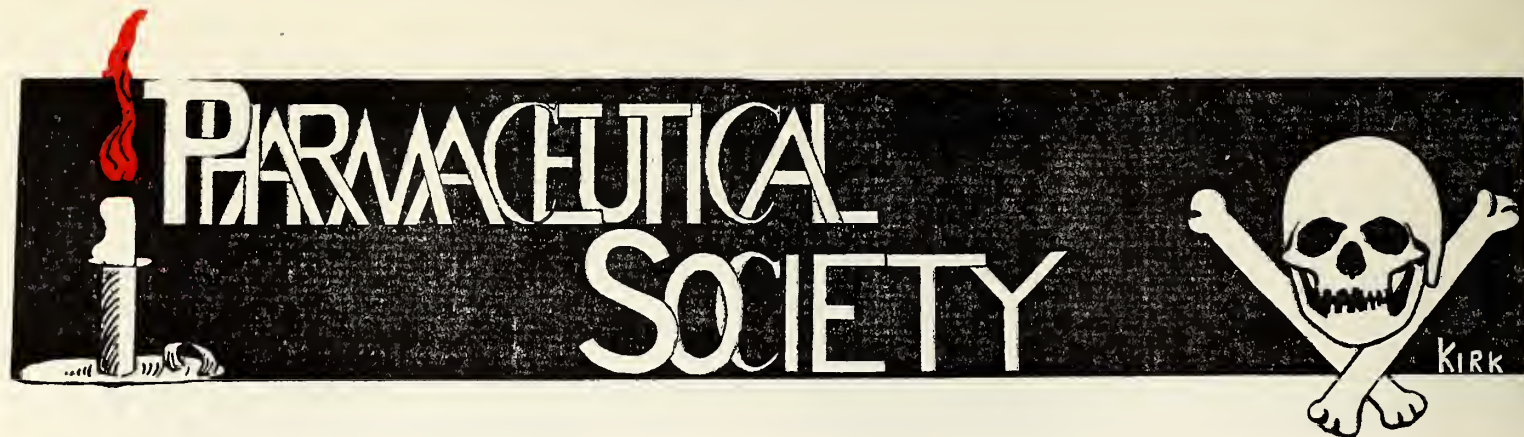
THE Purdue Agricultural Society stands as one of the many live organizations of students which help to add interest and spirit to the daily work of the class-room and laboratory. In point of membership and general attendance it stands at the head of the technical societies.

The Society is composed of students from the Four Year, Two Year and Winter Courses in Agriculture. Conditions for membership are, that you have been, are, or intend to be, a farmer; that you pay the membership fee, and sign the constitution. Of late years the Society has honored itself by enrolling among its members the ladies of the Short Course. Their presence and voice have added interest and refinement to the meetings. Besides the regular members, the Society has on its roll a number of honorary members, consisting of professors, instructors, assistants and prominent men in different

parts of the country who are interested in the field of agriculture.

In the past the Society has sought to create a spirit of fellowship amongst its members, a personal interest in the School of Agriculture, and a direct interest in the progress of agriculture. As the measure of its success we have the strength of the present organization and the testimony of its graduate members. As a mark of the esteem which the members have for their Society, a suitable diploma is given upon graduation to the Two and Four Year members. During the present year a Society pin has been devised, representing the blending of science and practice in agriculture with Purdue as an exponent of its progress.

The Society has for its purpose the cultivation of the member's power to more ably represent his calling, to give him a higher standing amongst his fellow-men and to make him a more useful member of the community in which he chooses to take up his life work.



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Benjamin M. Hoak,	Charles E. Vanderkleed.

Pharmaceutical Society.



NE of the most interesting features of the Purdue School of Pharmacy is the Pharmaceutical Society, the meetings of which are always looked forward to as sources of interest and pleasure.

At these meetings the various methods of advertising, buying, etc., are repeatedly discussed, and also the care and caution which should be exercised in a pharmacy.

Professor Vanderklier was the first honorary member to read a paper before the Society, his being on "Substitution," a subject much talked over in medical circles.

Professor Sturmer gave a very interesting talk on the drug business, and it was enjoyed from start to finish.

Professor Hoak occupied a full hour on the subject of

Coca, Cocoa, Cacao and Cola, in which he told of the manufacture and use of Coca. He also gave a very interesting talk on the cocaine habit.

Mr. Glick favored the Society with a talk on the State pharmacy law.

Professor Burrage lectured on bacteria, the source, effects and methods of analysis.

Perhaps the most interesting paper read before the Society by a Senior was that of D. Ralph Lucas, late of Co. C, 160th I. V., upon the "Army Pharmacist," in which he related the duties and routine work of that individual.

Every member of the Society is expected to read a paper on some fitting subject during his Senior year.



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L. M. Westfall,	W. C. Bartholomew,	H. H. Riley,	J. H. Andrews,
John Opp,	C. Frazier,	D. R. Lucas,	T. L. Haywood,
W. J. Bruner,	W. Lannerd,	J. W. Van Natta,	E. B. Cronkhite,
C. W. Moore,	Wm. Dow,	F. Harshaw,	John G. Jones,
Charles Pelz,	W. P. Schofield,	C. Jump,	E. H. Myers,
J. R. Gates,	Earl Young,	W. H. H. Moore,	E. A. North.
	I. L. Todd,	Frank Kaul,	

The Pre-Medical Society.



THE Pre-Medical Course is designed to prepare students for medical college, by giving them a good foundation in Physiology, Anatomy, Chemistry and Bacteriology. This it accomplishes with such a degree of thoroughness that graduates from this course are given credit for one year in medical college. While the theoretical and practical work of the class-room and laboratory is very complete, still there are points of great importance to the Pre-Medical

student which the text-books touch very lightly or not at all, and which he can learn only from the physician of many years' experience, or the specialist.

To this end the Pre-Medical Society was organized in 1899. Its object was, and is, to bring before the students medical men of practical ideas and experience, whose lectures will supplement the regular work of the course.

The work of the Society this year has been in a measure different from that of preceding years. In time past, it was the custom in the meetings to deal with subjects which were purely technical in character, and which were of interest only to those students who proposed to study medicine.

This year a new plan has been adopted. The subjects for lectures are of general interest and importance, and everyone is invited to be present. The exact nature of these lectures may best be shown by citing a few of the subjects: "First Aid to the Injured," dealing with the applications of bandages and tourniquets in bleeding wounds, and splints to sprained or broken limbs; "Poisons, and Their Characteristic Effects," explaining the effects of such poisons as arsenic, strychnine, morphine, etc.; and "Resuscitation of the Drowned," giving methods of procedure in the case of persons rescued from drowning. These are characteristic subjects. Others of equal interest might be mentioned.

A number of the physicians of the city of La Fayette have addressed the Society during the year. Several lectures also have been given by prominent specialists from different parts of the State.

The Pre-Medical Society meets the first and third Fridays of each month, in the Chemistry Lecture Room in Science Hall. The Society is in by far the most vigorous condition shown since its organization, both as to membership and attendance, and as regards the interest manifested in the work.



OTHER ORGANIZATIONS



Officers.

STANLEY COULTER, ... President.
W. D. PENCE, ... Vice-President.
E. S. FERRY, ... Secretary.

Committees.

Program Committee.

Prof. Stone,
Prof. Arthur,
Prof. Hatt.

Invitation Committee.

Prof. R. A. Smart,
Prof. C. S. Plumb,
Mr. Reynolds.

Entertainment Committee.

Prof. Huston,
Mr. W. H. Test,
Miss Doan.

House Committee.

Miss Swan,
Mr. Turner,
Mr. Osborn.



General Association.

PROF. H. A. HUSTON, '82, President.
J. W. NOEL, Vice-President.
KATHERINE GOLDEN, Secretary.
H. H. VINTON, Treasurer.

Local Associations.

La Fayette.

J. C. BALLARD, President.
OLLA C. PETERSON, Vice-President.
NELLIE P. JONES, Secretary.
EDWIN B. SMITH, Treasurer.

Indianapolis.

JNO. S. WRIGHT, President.
E. KATE WENTZ, Vice-President.
HENRY G. COX, Secretary.
PAUL W. COVERT, Treasurer.

Chicago.

ROBT. W. LACKEY, President.
D. W. BUCHANAN, Vice-President.
VAN W. ALLING, Secretary.

YMCA

Officers.

H. B. HATCH, ...	President.
J. WALTER DIETZ, ...	Vice-President.
O. Z. PERRY, ...	Recording Secretary.
A. S. MCBROOM, ...	Corresponding Secretary.
M. E. BREUNIG, ...	Treasurer.
C. M. DINSMORE, ...	General Secretary.

Advisory Committee.

PROF. W. F. M. GOSS, ...	Chairman.	PROF. T. F. MORAN, ...	Purdue.
HON. ALEX. JOHNSON, Ft. Wayne, ...	Vice-Chairman.	JAMES W. NOEL, ...	Indianapolis, Ind.
J. WALTER DIETZ, Purdue '02, ...	Secretary.	CLYOD MARSHALL, ...	Indianapolis, Ind.
C. H. ROBERTSON, Purdue, ...	Treasurer.		

Ladies' Auxiliary.

MRS. W. E. STONE, ...	President.
MRS. M. C. STEVENS, ...	Vice-President.
MRS. C. H. ROBERTSON, ...	Secretary.
MRS. JAMES TROOP, ...	Treasurer.

The chapter roll includes the names of one thousand four hundred colleges and universities located in all the student centers of the world.



Y. M. C. A.

THE Young Men's Christian Association has been called the greatest religious invention of the nineteenth century. So rapid has been the growth of the student branch of the Association work that while not yet thirty years old, it has extended into every large student center of the world, under twenty-five different governments. With its sixty-five thousand members it stands as the largest student fraternity in the world. That this growth has not lacked the necessary element of stability and of permanence is evidenced by the fact that during the last few years a large number of Student Association buildings have been erected, and thousands of dollars are being spent annually in this work among the students of the world.

The World's Christian Student Federation, which unites in one the Christian students of all lands, was founded in August, 1895. Since its organization a marked increase has been noticed along all lines of student work. The intercollegiate movement in America unites in one body Associations in over six hundred schools of higher learning on this continent—organized not only in the classical and denominational schools, but also in the State, professional and technical schools.

The rapid growth of this work in the larger institutions has been due, first, to the paid officers who have had charge of the work; and, second, to the support of the faculties of these schools, who recognize the Association as one of the principal factors making for a higher moral tone of the school, thus lessening the need of discipline.

Since its organization, in 1880, the Purdue Young Men's Christian Association has had rather a checkered career. The first signs of the new life, which has made the Association in Purdue what it is to-day, were apparent when the general secretary appeared on the field in the fall of 1898. Soon after the arrival of Mr. Geo. W. Leavitt, the first general secretary, efforts were made to secure a permanent location. Rooms were rented the first year at 303 State Street. Through the efforts of the Advisory Committee during the summer of 1899 the Marstellar house was secured, and in December, 1899, the Association moved into its present home. The house is admirably located and has been an important factor in building up the Purdue Association. The fall of 1900 was the first time in its history when the Association could take the new students into its own home. The house has a large and well-equipped reading-room and game parlor and the general secretary's office. During the first week of the present school year over four hundred students were assisted in securing rooms and room-mates. A complete directory of all the students, also of rooms and boarding clubs is kept at the Association house. Some idea of the growth of the Purdue Association may be obtained from a few comparisons. Three years ago the membership was less than seventy; to-day it is one hundred and eighty. Then only ten men were in Bible classes; now there are eighty-five. At that time only a small hand-book was published; this year one thousand copies of a leather-bound book were distributed among the students.

Some of the leading Christian men in the country, including four of our international secretaries, have addressed our Sunday afternoon meetings.

The Bible Institute has become an annual feature of the work of the Bible Study Committee. The Institute this year was the strongest and best attended in the history of the work in Purdue.

The purpose of the Purdue Young Men's Christian Association is: To unite all the men of the University who desire to promote the spiritual life of the University, to win men to Jesus Christ, to guard students against temptations of college life, both of the mind and of the body; to increase, by organized efforts, the efficiency of the work of the individual, thus quickening his spiritual life and enabling him as he goes from the University to be of larger service in the church, and, through the church, to the world; and, to promote whatever serves the highest welfare of every student.

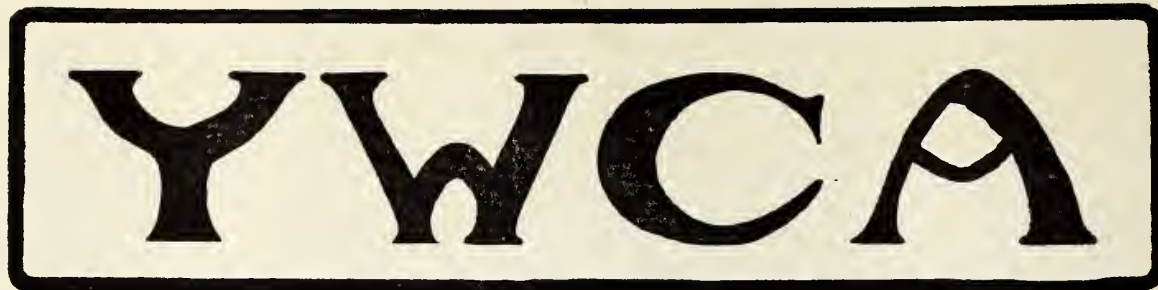
The Young Men's Christian Association is the only student organization that distinctively concerns itself about the religious welfare of the men of Purdue. Much experience has proven that only students can successfully reach students and win them to a higher life—the life that is in and through Jesus Christ. It is very seldom that a church can do efficient work among students. The Association thus holds a unique position, having practically unlimited capacity for successful adaptation to the special work of reaching students. Who can measure the influence upon the world of one thousand college-trained men? This body of men is the special field of the Purdue Association. The time spent in college is the formative period in the life of any young man. It is the function of the Association to touch the lives of students during this important period. What church has so important a constituency? How all important that the work be well done! The work demands a larger material equipment—a building of its own.

One very important factor in the efficiency, continuity and stability of the Association work is the Advisory Committee. This committee, organized in May, 1899, is composed of three members of the faculty, two alumni, one business man, and one undergraduate student. It is responsible for the hiring of the general secretary and for providing his salary. This relieves the Association from a very heavy burden—one which they could scarcely carry. Being composed of older men, this committee also renders valuable service in advising regarding any important steps in the work. Since their organization they have made possible the Association house, which has added very much to the efficiency of the work in Purdue. With the help of the Ladies' Auxiliary the house was furnished throughout. Fifteen of the leading men live in the house, thus making it the center of the Christian work in the University.

One other valuable supporter of the Purdue Association is the Ladies' Auxiliary, which is made up of the wives of the faculty and of the lady members of the faculty.

The Auxiliary has furnished several of the rooms in the house and has general supervision of the care of the house. They have also rendered valuable service in assisting our social committee. The Christmas "At Home" has become an annual event of the school year. The possibilities of the work of this organization are as yet largely undeveloped in its relation to a student Association.

Our work has been supported nobly in every respect. We shall need more help in the future. Our new building is not far ahead. It is possible as soon as we are worthy of it. But the future is His, whose is also the work and the means to accomplish the work. Let us be worthy of larger things and we shall not long remain unrewarded.



Officers.

MISS FRANCES DE FREES, . . . President.
MISS M. J. CRAMPTON, . . . Vice-President.
MISS NELLIE SWITZER, . . . Secretary.
DAISY HILL, . . . Treasurer.

MAE BROWN, Chairman of Foreign Mission Committee.
GRACE MARKEL, Bible Study Committee.
ELIZABETH HAWKINS, Social Committee.
BERNICE BAKER, Membership Committee.

Y. W. C. A.



It was not a great many years ago that the first Young Women's Christian Association was started, but in this short space of time the movement has spread from college to college and city to city until it is known all over the world. What is the purpose of an organization which has spread so rapidly? The main purpose of the Association, be it in a college or city, is to unite the Christian influence of the community to preach Christianity day by day.

It is to build up in power all those who already know the Lord Jesus Christ, and to strengthen them for more active service in His cause; and to bring all those who do not know Him into a knowledge of His all-satisfying love. This is the high purpose which the little band of young women in Purdue are striving to accomplish.

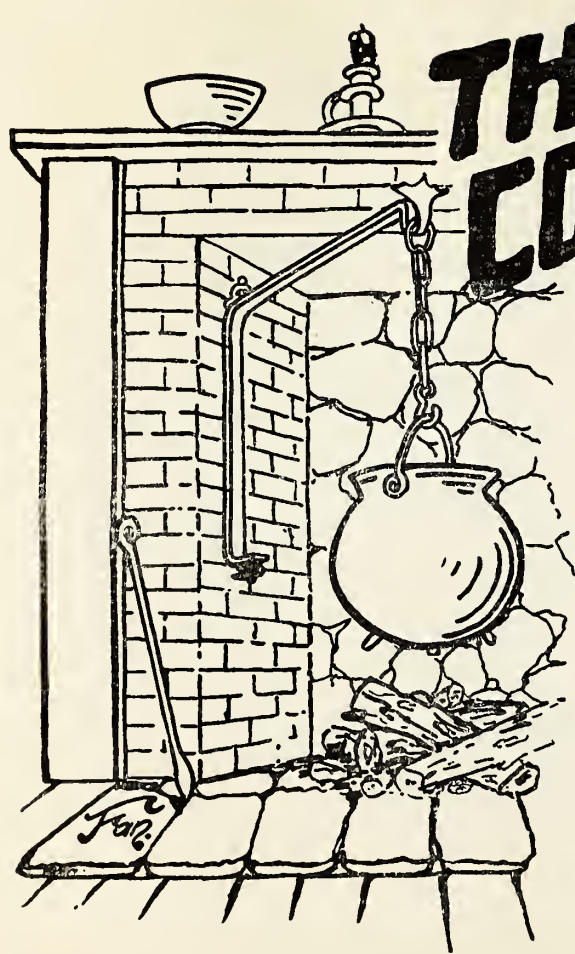
The work of the association this year is felt to be a success. All who have attended the Tuesday afternoon meetings have re-

ceived help and inspiration to live a higher life, and they have gone away feeling that the hour has been well spent. The monthly missionary meetings have taken the girls into other lands, and let them see how much they should do for these far-away sisters who do not have as many advantages as we enjoy.

The Young Women's Christian Association of Purdue deems itself highly privileged in having for its leader in Bible Study, Mr. C. M. Dinsmore, the secretary of the Y. M. C. A. The course of study taken up is Sharman's Studies in the Life of Christ, and all who have taken up this work agree in saying that they never before had obtained so clear a knowledge of the life of Christ, as they have through this study.

The social part of the Association has not been neglected. Besides a joint reception with the young men, a number of little receptions were held for the young women of the University.

With bright prospects for the future, the Association presses on in its work, each member trying by earnest, prayerful life, to further the cause of Christ.



THE COOKING CLUB

COLORS: Cherry Red and Olive Green.

MOTTO: "We may live without friends, we may live without books,
But civilized man cannot live without cooks."—*Owen Meredith.*

EMBLEM: Rolling Pin.

FLOWER: Red Clover.

YELL: Rub a dub dub, Rub a dub dub,
We are the girls of the cooking club;
Bubble and simmer, bake and brew,
We are the hope of old Purdue.
Bien!

Members.

Mindwell Josephine Crampton,
Florence Anna Gates,
Carrie Mills Mustard,

Margaret Beckwith Ridgely,
Edith Loraine Tobias,
Mary Amelia Waesche.



COLORS: White and Gold.

PERRY W. DIRHAM, President.

FRED COLE, '99.

PERRY W. DIRHAM, '02.

JOHN W. BEIGER, '04.

} Membership
Committee.

Members.

Fred Cole, '99.

B. W. Stair, '99.

Ernest Holladay, '01.

D. M. Green, '01.

Leslie M. Westfall, '01.

Ward B. Gregg, '02.

Perry W. Dirham, '02.

Ralph A. Peticolas, '02.

H. W. Shimer, '02.

Earl Henley, '02.

Edgar H. Myers, '03.

Clyde W. Soule, '03.

John W. Beiger, '04.

J. T. Kirby, '04.

Irvin C. De Haven, '04.



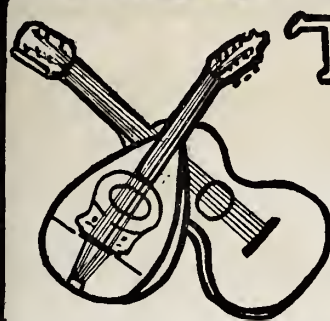


Officers.

ETHEL LINWOOD MONTGOMERY,	President.
GEORGIANA LINDLEY, ...	Vice-President.
FLORENCE ANNA GATES, ...	Secretary.
MARY FRANCES DE FREES, ...	Treasurer.

Members of the Owls.

Georgiana Lindley,	Mindwell Josephine Crampton,
Ethel L. Montgomery,	Grace Markel,
Frances De Frees,	Elizabeth Hawkins,
Bernice Hazel Baker,	Daisy Alger Hale,
Florence A. Gates.	



THE CLEE AND MANDOLIN CLUB



J. B. BARTHOLOMEW, Manager.
J. C. SCOTT, Assistant Manager.
H. W. BROWN, Treasurer.

Mandolin Club.

GEORGE L. LINDNER, Director.

FIRST MANDOLINS.

H. M. Harris.
H. W. Brown.
H. R. Wilson.

MANDOLA.

H. O. Watjen.

Glee Club.

SECOND MANDOLINS.

Zac Hanscom.
Russel Edwards.
O. P. Laubscher.

VIOLINS.

Chas. S. Rauh.
J. L. Lewis.

GUITARS.

Eugene L. Grimm.
H. W. Shimer.

CELLO.

M. W. Thatcher.

MISS MILLSPAUGH, Director.

FIRST TENORS.

A. D. Minch.
J. C. Scott.
L. G. Ludwig.

FIRST BASSOS.

O. A. Berry.
S. W. Judson.
A. L. Kittredge.

SECOND TENORS.

J. B. Hutchings, Jr.
J. M. Clark.
George R. Berry.
J. P. Reed Steele.

SECOND BASSOS.

S. E. Sandeson.
J. B. Bartholemew.

Itinerary 1900—1901.

Crawfordsville.	Jonesborough.
Indianapolis.	Peru.
Terre Haute.	Attica.
Anderson.	La Fayette.
Muncie.	Elwood.



Officers.

G. F. ENDICOTT,	President.
W. E. BIXLER,	Business Manager.
J. G. CRANE,	Secretary and Treasurer.
G. A. YOUNG,	Director.

Members.

G. A. Young, Director,
 J. A. Barnes, Solo Bb Cornet,
 J. G. Crane, Solo Bb Cornet,
 W. L. Eckhause, Solo Bb Cornet,
 R. V. Brewster, First Bb Cornet,
 J. R. Opp, First Bb Cornet,
 H. O. Garman, Second Bb Cornet,
 G. L. McCarger, Solo Bb Clarinet,
 H. R. Williams, First Bb Clarinet,

K. B. Duncan, First Bb Clarinet,
 M. R. Keefe, Second Bb Clarinet,
 C. E. Layton, Third Bb Clarinet,
 C. T. Joray, Piccolo,
 J. B. Hill, Alto Saxophone,
 R. F. Barnes, Solo Alto,
 H. Mitchell, First Eb Alto,
 O. P. Laubscher, Second Eb Alto,
 W. E. Bixler, Baritone,

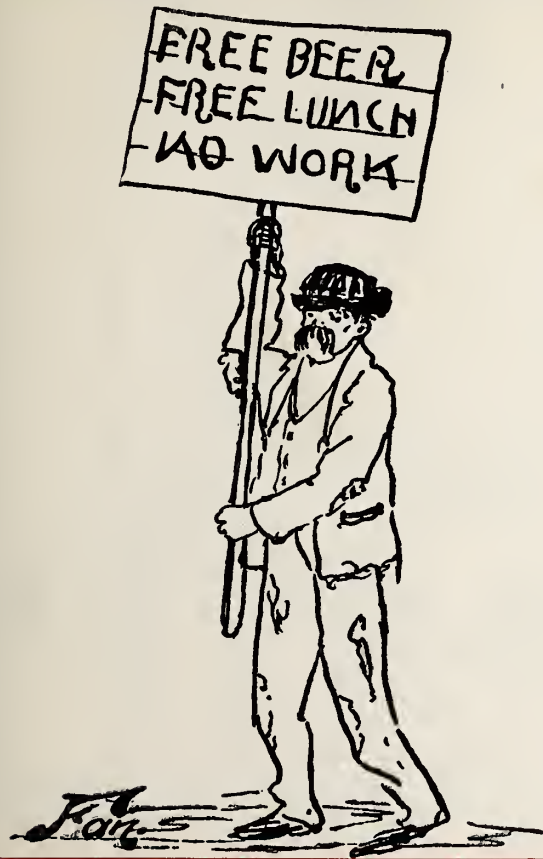
W. C. Menaugh, Baritone,
 A. B. Savage, First Bb Tenor,
 F. K. Mueller, Second Bb Tenor,
 R. Brewster, First Slide Trombone,
 C. Marquess, First Slide Trombone,
 G. M. Strawn, Second Slide Trombone,
 W. M. Hoen, Second Slide Trombone,
 H. W. Dietrich, Bass Slide Trombone,
 J. Emberland, Bass Slide Trombone,

M. C. Smith, Tuba,
 E. W. Koontz, Tuba,
 G. F. Endicott, BBb Bass,
 H. O. Watjen, Snare Drum,

W. C. Griffin, Snare Drum,
 P. G. Winter, Bass Drum,
 G. F. Hardwicke, Cymbals.



DEMOCRATIC CLUB



THOMAS P. CLEARY, ... President.
EARL FRISTOE, ... Vice-President.
D. M. LYNCH, ... Secretary.
B. F. ULRICH, ... Treasurer.

Executive Committee.

THOMAS P. CLEARY, ... P. A. BERTINSHAW,
PRIME KIEFFER.



REPUBLICAN CLUB

WM. A. ATKINS	President.
HUGO LUND	Vice-President.
JOHN A. BARNES	Secretary.
HARRY LESLIE	Treasurer.
WM. A. ATKINS	} Executive Committee.
HUGO LUND	
JOHN F. BARNES	
J. L. RUBY	
WALTER DIETZ	





An Episode



AY, are you going out to-night?"

"Out where?"

"To the tank. The seniors are going to try to relieve the tension between the sophomores and freshmen by putting their own class number up."

"Won't it be rather tough on Doc Stone, after all the sleep he has lost over this already?"

"I suppose it will; but he has no right to monkey with the

freshman-sophomore tank scraps. Every self-respecting freshman class must fight the sophomore class, and vice versa; and that tank was just put there by providence to furnish something to scrap over. There is nothing more precious to me, in all my college experience, than the memories of the tank scraps when I was a freshman; and I think it is a shame, if all the classes that come after us are to be deprived of this pleasure."

"Well, who's going?"

"Oh, a dozen or so of the fellows—Greenick, McGovney, Hull, Atkins, Smith, Switzer and other fellows. Come over to Smith's about half past eleven. Ridgely is going to bring the

ropes and paint, and we can all go from there. Don't tell any of the fellows who have cold feet."

"All right. I'll be there. It'll seem like old times again, and we'll be doing a good deed."

About a dozen such short conversations served to bring about fifteen seniors to Smith's room at the appointed hour. Smith himself wasn't in yet, so the fellows made themselves at home. The business in hand naturally suggested freshman days, and the conversation was chiefly reminiscent, dealing with previous tank scraps.

"Say, Mac," said Hull, "you never thought that you'd be out tank painting with us when you were helping tie us up that night?"

"No; I didn't. That was the damndest night! We had you fellows piled up four deep over in the hollow back of the tank. But you didn't do a thing to us the next night. We weren't in it a little bit."

"That first night was the time I flew my kite in good shape. A big devil came up to me and yelled, 'Here's a freshman! I was standing with my back to the fence, and I just jumped clean over it backwards without touching it, and run! Lord! maybe I didn't!'"

"Do you remember old Chinless Charley Burton?" said Friermood. "He pulled a gun on the sophomores that night

BILLY HULL: "I was once a lady like you."

He had just got excused from military drill because he was a Quaker, and had conscientious scruples against warfare and violence of all kinds. The sophs were going to duck him in the horse trough; but he begged off."

"Maybe I didn't hand some big stiff a bunch of fives that night," remarked Greenick. "He came up to me and thought I was easy because I looked kind of small. I just handed him a bunch and lit out. I didn't run very far. I noticed that they all had white handkerchiefs around their necks, so I just tied mine around my neck and went back, and the guys never caught on.

"Say, fellows," said Smith, from the doorway, "here's Ridgely with the stuff. We might as well go, I guess. It's after twelve."

The apparatus was distributed among the fellows and the march toward the tank was begun. It was an ideal night for the business. Evidently the weather man was in favor of our project. The fellows tried to keep quiet, but the romance of the situation was too much for them, and they made more noise than a gang of freshmen.

As they neared the tank, some one remarked, "Say, fellows, it looks to me as though there is some kind of a light over in the direction of the tank."

This served to quiet the crowd somewhat, as everybody felt that it would be a rather serious matter for such a small number to be attacked by juniors or freshmen. However, the march towards the tank was continued.

As they neared the tank it became evident that there were

people there already. The flame of a bonfire cast a rather uncertain light up the whole length of the tank, making it appear of monstrous size against the black background. And voices could be heard, though not very distinctly.

A short consultation was held, and one of the group was sent ahead to see the number of the enemy. He walked along carefully until he came within the light of the bonfire. Then he crawled along the fence until he came right up to the tank painters.

They were freshmen, about six of them, and they were painting the tank in true freshman fashion. They had nailed cleats to a sixteen-foot plank and then set the plank against the side of the tank, so that it reached almost to one of the lugs. One of the freshmen climbed up to the lug and tied himself to it with a rope, so that his hands might be free to do the painting. The paint was a cheap ochre, and would not have been distinguishable at three hundred yards; but the freshmen were just as happy as if they were doing something worth while. The figures did not reach one-third of the way up the tank.

The fellow who was tied to the lug couldn't contain himself, and was telling the others all about the games of croquet and marbles which were to decide the freshman superiority.

"Now, fellows," he said, "you can't do any knuckling, because Doc Stone is going to watch the game; and if he sees you knuckling, you get expelled. I ain't going to try the marbles, because I always knuck. I'm going into the croquet. Maybe I'll get a shy at Doc's shins with one of the balls."

KLEIN: "There is nothing klein about my footsteps."

Just then the rest of the seniors, having learned the strength of the enemy, thought to use a little strategy and came running up, yelling "Naughty Four! Naughty Four!" But the freshmen were panic-stricken at the first sound of strange voices and those on the ground fled, leaving their comrade tied to the lug.

The suspended wretch was brought to the ground, and, though badly frightened, put up a fairly bold front to all the propositions that were made as to what would be done with him, until Greenick expressed a desire to hand him a few bunches of fives. Then he collapsed, and was let go out of sheer pity.

The coast being clear, there was nothing left but to paint the tank. Of course, it will not do to enter into the method of getting up the tank, as each freshman class must learn this for themselves through experience and the aid of junior advice. Perhaps the reason for the monumental failure of '04 to get up the tank lies in the fact that they could have no intelligent junior advice on that subject. Suffice it to say that E. L. Smith was the hero of the evening, and showed a daring coolness that will cause him to be well remembered by those who spent that night at the tank.

While the tank was being scaled, those below were busy mixing paint and getting the apparatus ready. The plank which had served the freshmen so well was broken up to replenish

the bonfire, in order that there might be lots of light on the tank.

"Say, fellows," said Hull, "did you ever hear the true story of John Smith and Pocahontas?"

Nobody had heard it.

"Well, fellows, here goes, —————."

That put Atkins in mind of a story.

Atkins' story put McGoveny in mind of one.

Then Hull told his story of the fellow who was shipwrecked among the South Sea Islands.

And so it went all the while the tank was being painted. Four or five of the fellows would hold the rope supporting the tank painter, while the others rested, and somebody would be furnishing amusement.

When Greenick came down from his job of painting, he was a sight to behold. He had about as much paint on himself as he had put on the tank. Some of the fellows were sore because he used so much of it on himself and neglected the tank.

But the work was done, and the fellows gathered around the dying bonfire to get a last glimpse of their work before the darkness swallowed it. When the fire had gone out and the stories were exhausted, the return journey was commenced. The weary seniors trotted to their rooms and some of them missed thermo the next morning. Of course these fellows put in excuses for, —well, never mind.

FOWLER: "A lovely man, and one with many friends."



VESTAL: "From Montezuma, Ind., by Heck."

Indianapolis, Ind., March 7, 1901.

FRIEND WILSON:

Three of the old '01 men happened in to see me last night—Billy Atkins, Harry Wilson and Chase Davis—and, mindful of your request, I asked them what they knew of the whereabouts and occupations of any of our old classmates. They wondered why you wanted to know. If you were going to get up a reunion, or—when I told them your present business—if you thought the whole class needed toilet soap.

However, here is what information we secured. Atkins, of course, as perhaps you know, is employed as husband to a nice old lady of forty-five. He draws quite a comfortable salary and seems to give complete satisfaction. Mayer and Davis is the title of a firm here in Indianapolis engaged in the manufacture of a patent Hair Restorer.

Switzer has given up his place as switchman on the Cloverleaf and has gone back to the farm. Klipsch—you remember Klipsch. He was our Wilbur scholar and high jumper—he's back at Purdue. He's got Spiker's old job there and does very well at it, they say. Miss Lindley has brought fame and tomato cans and other things on herself by doing the Carrie Nation act in Indiana. And, by the way, quite a pretty little incident occurred in connection with one of her raids. She was placing her little hatchet against a certain saloon in Ft. Wayne when the mob came up and began to strike her with some radishes. This was unpleasant and she was thinking she might cry, when just then the bar-tender rushed out and, forcing the crowd back in a

powerful way, cried, "You shall not harm her! Pass on, madam!" It was Hatch, and he had recognized an old friend. Smith has married and settled down in Washington, Ind., and seems to be doing very well. He says his wife is the best wash lady in town and that she has all the work she can handle. Arthur Greenick is traveling salesman for a Bible firm in Cincinnati. Bertie Slimp has a position as salesman in a dry-goods store in his native town. He finds the work light and attractive and he has his evenings off for society. Louis Endsley is running the faro table in a Chicago gambling dive. It is said he ekes out his salary by a little practice on the outside with the three shells and a little rubber ball, but of this I can't be certain. Laidlaw is still in Cincinnati doing nothing. He is thinking, however, of marrying. I hope he will do so, for I hate to see a young man entirely dependent on his father. Harry Wilson has engaged in the manufacture and sale of perfumes, powders and face-washes and he has employed Joe Andrews and Will Martin—at munificent salaries—to act as advertisements. I always knew Joe would get to the top. That boy had ambition! Bill Hull is still furnishing wind for the Connersville Blower Co. and his friend Dick King is in Connersville keeping house for him. Senator Lund has left politics and gone on the stage, where he shines as a tragedian and does dreadful deeds dreadfully. Zedekiah House is making money hand-over-fist teaching dancing school. I was surprised at this, but Tark, who knows what dancing is, told me about it and he said Zed. was all right. Miss Montgomery is the wife of a certain tragedian. She never

HOLMAN: "I love to sit and think, and smoke."

appears on the stage herself, however, for, as her husband says, "Poor Ethel cannot dodge!" Frank Endicott and Eddie Robertson are engaged in the Chicago rescue work for the Salvation Army. What makes it nice for them is that they're together in the same corps. Endy plays the drum—his knowledge of music comes in handy here—and Captain Robertson conducts the services. Heaven bless the brave boys! They've devoted their lives to the grand work. The only other man I was able to learn anything of was Fred McCoy. Mac is also in Chicago now—joke editor on the staff of the New Voice. Lucky dog!

I inquired especially after Barnes, Prentice and Shoomkoff, but, as I said, was unable to learn anything of them. I trust the information I have secured will satisfy your desires, and I beg of you, Wilson, when next you write, to relieve my curiosity by telling me what on earth you're going to do with it.

Awaiting your early convenience, I am, fraternally yours
in college memories,

JOHN H. JASCHKA.

COULTER: "I believe so much in the Gospel of Peace that I am willing to fight for it."

BURRAGE: "Diseases are of three general classes, one of which is called constitutional. What would a second class be, Mr. Reamer?"

REAMER: "Unconstitutional?"

Some Years Ago.

Some years ago, six homeless men,
Fierce woman haters all,
Combined, to live from women free,
And keep a bachelors' hall.

For several months they lived in peace,
Nor ever cared to roam,
Then Willie Hatt he jumped the fence,
And won himself a home.

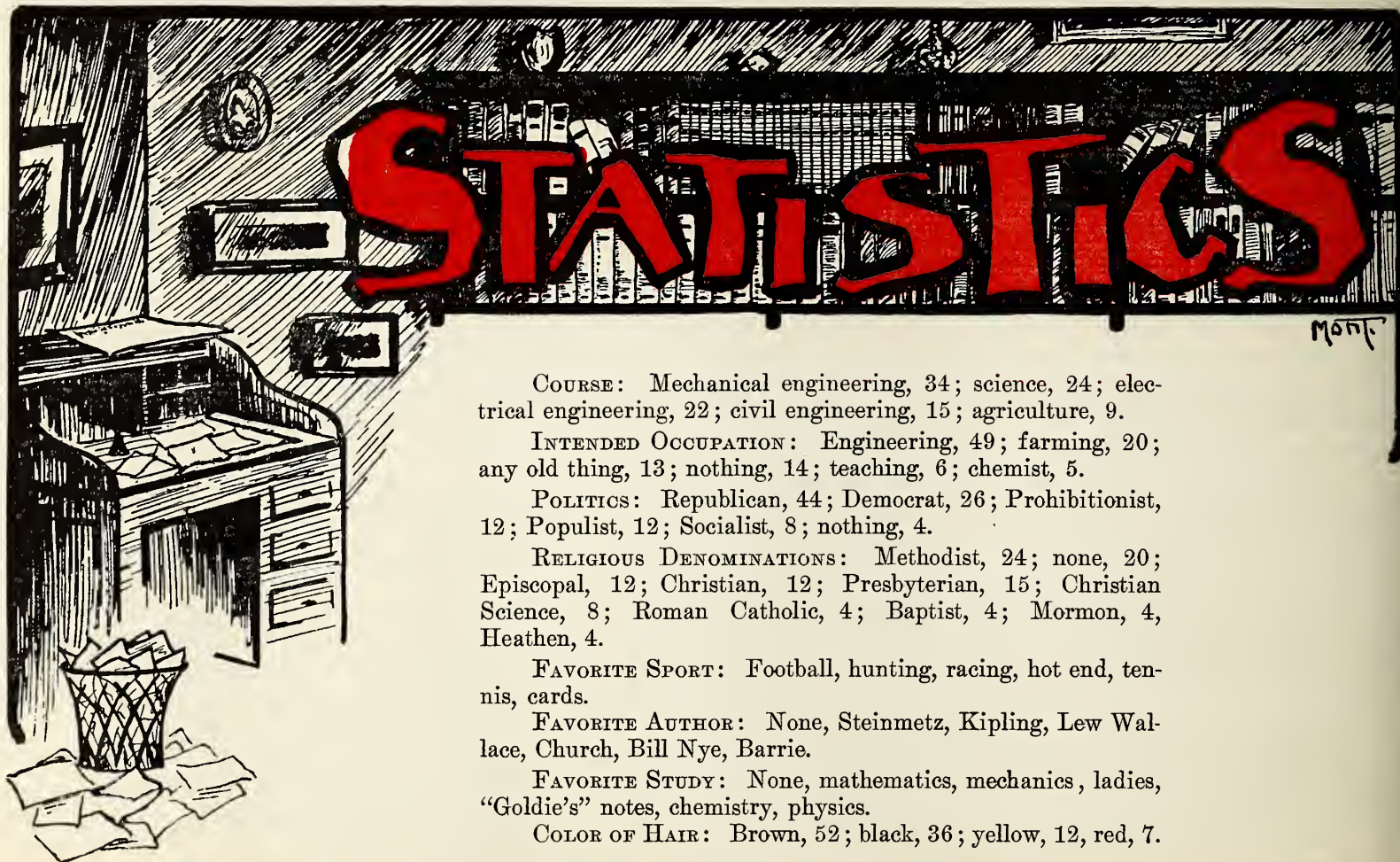
Then Henry Huston found a lass
Who didn't mind his face;
'Goldie' began to hit 'er up,
And Luten caught the pace.

The Home of the Friendless, now, you see,
Had dwindled down to two,
Then Billy Test he roped a wife,
For something else to do.

Poor Joe Charles Arthur, all alone,
Got tired of being game,
He sees his playmates married are,
And happy, too, they claim.

And so Joe longs to be a man
Like unto other men;
He finds a maid who's not afraid,
God pity both. Amen!

MAC: "Here comes Noisy—look out for trouble."



COURSE: Mechanical engineering, 34; science, 24; electrical engineering, 22; civil engineering, 15; agriculture, 9.

INTENDED OCCUPATION: Engineering, 49; farming, 20; any old thing, 13; nothing, 14; teaching, 6; chemist, 5.

POLITICS: Republican, 44; Democrat, 26; Prohibitionist, 12; Populist, 12; Socialist, 8; nothing, 4.

RELIGIOUS DENOMINATIONS: Methodist, 24; none, 20; Episcopal, 12; Christian, 12; Presbyterian, 15; Christian Science, 8; Roman Catholic, 4; Baptist, 4; Mormon, 4, Heathen, 4.

FAVORITE SPORT: Football, hunting, racing, hot end, tennis, cards.

FAVORITE AUTHOR: None, Steinmetz, Kipling, Lew Wallace, Church, Bill Nye, Barrie.

FAVORITE STUDY: None, mathematics, mechanics, ladies, "Goldie's" notes, chemistry, physics.

COLOR OF HAIR: Brown, 52; black, 36; yellow, 12, red, 7.

TOM HAYWOOD: "Just see his honest face."

COLOR OF EYES: Blue, 44; brown, 24; gray, 20; black, 12; green, 7.

AVERAGE HEIGHT: 5 feet 10 inches.

AVERAGE WEIGHT: 153 pounds.

AVERAGE AGE: 22-7 years.

FAVORITE STYLE OF BEAUTY: Blonde, 52; brunette, 44; half-and-half, 8; dumpy, 12.

ENGAGED: 36. Not Engaged: 60.

BEST NATURED MAN: Switzer, Welch, Watjen, Ensinger, Nordstrum.

BEST NATURED GIRL: Miss Lindley, Miss Marks, Miss Brown, Miss Montgomery.

LAZIEST MAN: Manning, Switzer, Davis, Friermood.

LAZIEST GIRL: Miss Meigs, Miss Yager, Miss Hiller.

FUNNIEST MAN: Jaschka, Hull, Vestal.

FUNNIEST GIRL: Miss Lindley, Miss Marks.

WHAT MAN WILL BE MOST SUCCESSFUL: Hull, Buenting, Frazier.

WHAT GIRL WILL BE MOST SUCCESSFUL: Miss Montgomery, Miss Lindley, Miss Meigs.

WHAT MAN HAS DONE MOST FOR THE CLASS: Atkins, Hull, McGoveny.

WHAT GIRL HAS DONE MOST FOR THE CLASS: Miss Montgomery, Miss Lindley.

MOST ECCENTRIC MAN: Shoemaker, Mayer, A. M. Wilson.

MOST ECCENTRIC GIRL: Miss Yager, Miss Lindley.

HANDSOMEST MAN: Atkins, Andrews.

HANDSOMEST GIRL: Miss Yager, Miss Montgomery, Miss Meigs, Miss Haywood.

NERVIEST MAN: E. L. Smith, Greenick.

FAVORITE EXERCISE: Walking, driving, rowing.

FAVORITE BEVERAGE: Soda-water, beer, Carrie Nation cocktail.

THE MOST CONCEITED MAN: Mayer, Lund, A. M. Wilson.

THE MOST CONCEITED GIRL: Miss Hiller, Miss Yager, Miss Montgomery.

THE MEEKEST MAN: Mennen, Welch, Mahin.

THE MEEKEST GIRL: Miss Brown, Miss Haywood, Miss Yager.

THE BIGGEST SPORT: Slimp, Prentiss, Klipsch, Mayer.

FAVORITE INSTRUCTOR: Miss Golden, Esterline, Hoffman, Morgan.

FAVORITE PROFESSOR: Hatt, Coulter, Golden, Matthews.

BIGGEST BLUFFER, SENIOR: Tarkington, Slimp.

BIGGEST BLUFFER, PROFESSOR: Goldsborough, Smart, Evans, Plumb.

BIGGEST BLUFFER, INSTRUCTOR: King, Skinner, Turner.

MOST DIGNIFIED PROFESSOR: Hatt, Ferry, Troop, Smart.

MOST DIGNIFIED SENIOR: Lund, Ingram.

MOST POPULAR MAN: Hull, Robertson, McCoy.

MOST POPULAR GIRL: Miss Lindley, Miss Montgomery, Miss Hiller.

BEST DANCER: Ingram, Atkins, Opp.

BEST PONIER: Banes, Klipsch, Fansler, Slimp.

NEATEST MAN: Laidlaw, Mace, Atkins, Buenting.

BIGGEST LIAR: Hull, Fansler, Jaschka.

HARDEST WORKER: Rollman, Klipsch, Mennen, Mahin.

NOTE: The names are given in order, according to number of votes cast, where the number of votes is not given.

FANSLER: "A very mountain of enthusiasm" (?)



MOTTO: "Soft stillness, and the night, become the touches of sweet harmony."

PLACE OF MEETING: The Tank.

TIME: 1 to 3:30 A. M.

E. L. SMITH,	.	.	Chief Climber.
A. GREENICK,	.	.	Painter.
H. RIDGELY,	.	.	Keeper of the Ropes and Pulleys.
P. FANSLER,	.	.	Mascot.
W. A. HULL,	.	.	Story Teller.

Members.

J. H. Andrews,	W. A. Hull,
W. A. Atkins,	G. C. King,
C. D. Barrett,	H. Lund,
C. Davis,	C. S. McGoveny,
L. Endsley,	H. Ridgely,
P. Fansler,	E. T. Smith,
R. Freirmood,	L. R. Switzer,
A. Greenick,	A. M. Wilson.

ELIZABETH MEIGS: "Here's to you, fuzzy-wuzzy!"



ORDER OF UNMITIGATED ASSES.



MOTTO: "These are the biggest asses in the school."

WALTER OTTO FASSNACHT . . .	The Perfect Ass.
OMAR BERRY	Ass, Highly Inflated.
LOUIS ENDSLEY	Just An Ass.
H. FULLER VINCENT	A Silly Ass.
CHESTER PRATT JOY	The Conceited Ass.
FRESHMAN MATHER	The Ass Embryo.

Membership.

Le Fever.	Silver.
Renner.	Berry.
Mather.	Decker.
Earl Young.	Fassnacht.
Endsley.	Joy.
Corwin.	Markel.
Ulrich.	Hill.
Vincent.	Doc Myers.

TOM DAVID: "All Irishmen are brave; and I am Irish."



TIME: Any time after the last car goes.

MOTTO: "We won't go home till morning."

W. H. PRENTICE, ... Chief Straggler.
 W. STUCKMEYER, ... Instructor in the Art of Avoiding Telegraph Poles.
 "RED HEAD" JOHNSON, . . . Demonstrator in Rolling Down the Embankment.

The Drillers.

Fred Martin,	Harry Brown,
Fred Cole,	J. W. Graham,
W. T. Salmon,	Jesse Hardman,
Elmer Shank,	Bob. Laidlaw,
Fuller Vincent,	Bill Goeddel,
John Schoenholtz,	Deniston,
W. A. Atkins,	S. W. Weyer,
Wilmer Wilson,	T. R. Switzer,
Chas. Pelz,	Harry Spicely,
E. A. Ford,	Bill Schofield,
Bert Slimp,	R. E. Adreon,
L. Williams,	Bill Hull.

JOHNSON: "Young man, go West."



Morro: "A horse! a horse! My kingdom for a horse!"

Members.

O. C. Klipsch.	J. H. Jaschka.
W. A. Hull.	E. Slimp.
Billy Prentiss.	Mae Brown.
Miss Meigs.	Miss Hiller.
W. Kirkpatrick.	Tom Cleary.
Miss Crampton.	Miss Thompson.
Miss Alford.	Miss Green.
Miss Waesche.	Miss Tobias.
The Sophomore Physics Class.	

Honorary Members.

Prof. Ferry.
 Prof. Miller.
 The Y. M. C. A.

BRONSON: "Inconstancy in love doth show a fickle mind!"



OBJECT: To encourage smoking.

MOTTO: Have your "graft" handy.

Officers.

"SNIPER SHOOTER" FORD,	President.
"TOBACCO BEGGAR" EVANS,	Vice-President.
"JOSHER" HARDMAN,	Secretary.
"BOWLEGGED" BARTHOLOMEW,	Treasurer.
"GAS BELT" GATES	General Manager.

Meetings held every night at "The Hut," 6:10 P. M.

Members taken in at any time, providing their characters are all that can be expected.

GREENE: "Only green and nothing more."

Anarchists' Club.



MOTTO : "Down with everything."

PLACE OF MEETING : Any convenient free lunch counter.

No officers permitted in the society.

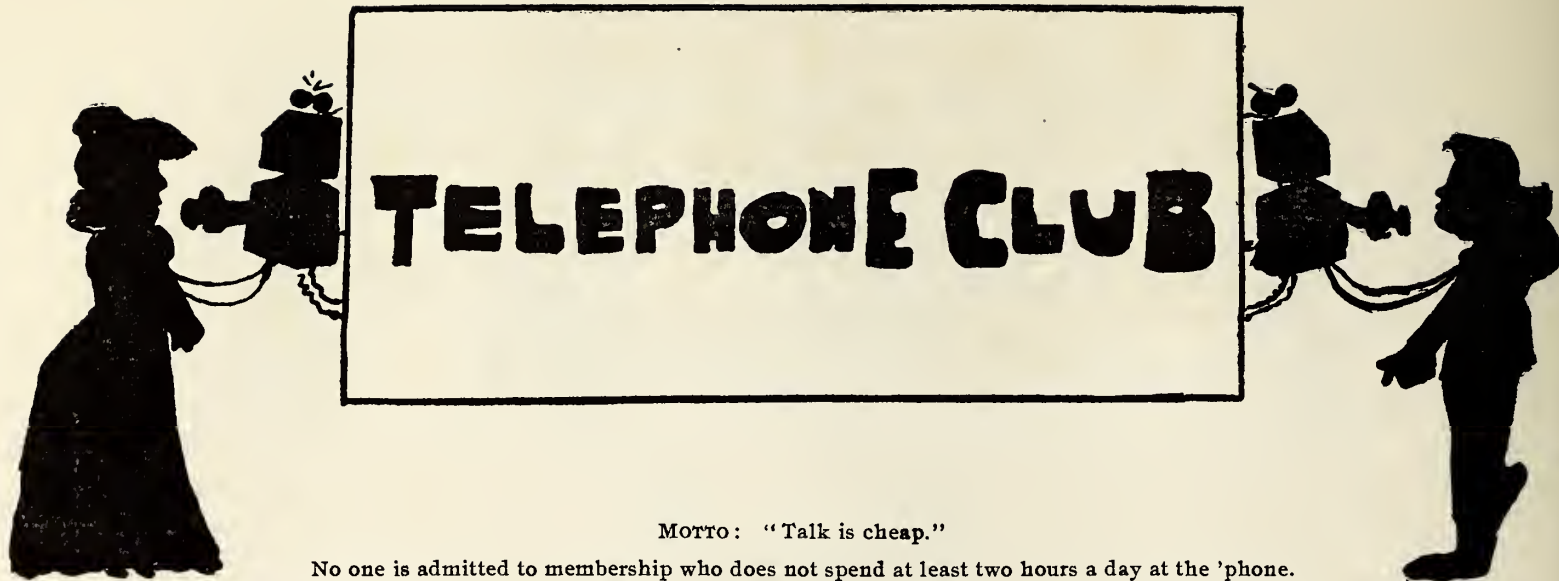
Members.

Shoomkoff,	Kalinowski,
Jaschka,	Atkins,
House,	Greenick.

Honorary Members.

J. B. E. Jonas, Ph. D., Etc.,
Mary Doan.

WELCH : "A very proper, quiet man."



Motto: "Talk is cheap."

No one is admitted to membership who does not spend at least two hours a day at the 'phone.

Members.

L. D. Nordstrum,	Tillie,
John Davidson,	Miss Gates,
Hugo Lund,	Miss Montgomery,
Freshman Higbee,	Tillie,
"Grandma" Weyer,	Elizabeth,
Peticolas,	Miss Green.
C. H. Quinn,	Miss Lindley.

GEORGIANA LINDLEY: "A bright, attractive girl! One you will like."



MOTTO: The funnel is mightier than the hatchet.

TIME OF MEETING: As often as possible.

FLOWER: Car-nation.

PLACE: Any bazaar.

OFFICIAL ORGAN: "Tub of Suds." Price five cents a copy.

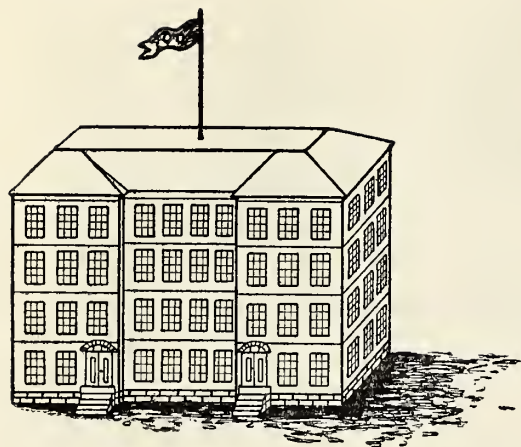
Officers.

ULRICH, ...	Chief Destroyer.
SCHOFIELD, ...	Keeper of the Great Funnel.
VINCENT, ...	Daily Destroyer.
HATCH, ...	Carrie's Pet.
SCHWAB, Crawfordsville, }	Traveling Agents.
VAN WINKLE, Chicago, }	

Disciples.

Fassnacht,	Hardwick,	Weyer,	Harris,
Keiser,	Olsen,	Watjen,	Laidlaw,
McGovney,	Slimp,	Banes,	Dunning.
Mrs. Carrie Nation, Honorary Member.			

HITT: "Much ado about nothing."



MILLER: "An athlete! By the gods, an athlete!"

A Dormitory Episode.



BY some unexplained means intelligence reached the ears of the High and Mighty Guzabo, of the Ancient Order of Dormitory Devils, that a certain long haired individual, who might have been a freshman, but wasn't, had made his boast that he "could go into that Dorm. any time he d—m pleased, and they wouldn't do a thing to him."

Quickly the High and Mighty spread the report of the affront to the dignity of the A. O. D. D., and ordered all of the brethren to lie in wait for the audacious one, and, when he next appeared, to seize him.

Soon the unsuspecting victim hove in sight, and, boldly springing up the steps into the hallway of the Dorm., entered one of the rooms, and proceeded to make himself at home, according to his custom.

Then his royal highness, the Mighty Guzabo, gave the signal, and all the Devils, both great and small, filed into the room and surrounded the intruder. They looked him over carefully, and decided that he needed a shave. Yes, he needed a shave badly, and as each Devil rubbed his hand over the victim's face, he said, "Truly, he needs a shave."

So they made lather in a paint bucket, applied it vigorously with a whitewash brush, carefully filling his nose, mouth and ears, and then shaved him with the sharp edge of a board. It was a close shave, the closest, perhaps, since he escaped flunking

in mikeology; but he looked like a different man when they got the lather off. All the Devils said so. A piece of hide was missing here and there, but on the whole it was a good job.

Perceiving that the victim had grown warm during the operation, they hurriedly led him to the bath-room, and assisted him, clothes and all, into a bath-tub full of cold water, to cool him off. Fearing that his temper would be spoiled if he were not cooled equally all over, they commanded him to duck. Growing obstreperous, he refused, and, as desperate cases require desperate remedies, the Devils took turns ducking him. Finally, as the wisdom of the treatment broke upon his mind, all that it was necessary to do was to wave a board at him, and he ducked.

Noting with dismay that the cold water treatment had cooled the victim too much, half a dozen strong Devils lifted him from the cooler, set him upon his feet, and made him dance to bring back the warmth into his veins. Wet and dripping garments not being especially suited to an exhibition of how to trip the light fantastic, the Devils quickly removed them. Whispers of admiration at the sight of his manly form ran through the crowd as the victim stepped forth, supported by strong arms and clothed only in his blushes.

As a final attempt to warm him up, the Devils one and all decided that he must run the gantlet, and persuaded him to sprint up and down the hall between two lines of admiring and applauding brethren, who hot-ended him at every jump. This

FANKBONER: "I belong to the exclusive set."

latter exercise was meant to bring back a healthy glow to the skin; and the attempt was a notable success, for after a minute or two he shone up like an Italian sunset.

Although the victim's temperature was again normal, a few of the more solicitous Devils were possessed of a fear that he might take cold, and as a precautionary measure forced the unhappy one to swallow all the quinine which could be found in the Dorm. This the victim took with the air of one who is convinced that it is all for his own good.

As a final mark of high esteem in which he was held by the brethren, the court artist was called in and the victim's body elegantly frescoed with the official emblems of the order, done in black and old gold.

Then did the High and Mighty Guzabo address the prisoner, and in solemn words pointed out the enormity of his offense in affronting the dignity of the Ancient Order of Dormitory Devils, and warning him, on pain of receiving the second degree, never to so err again.

And then, reclothed, and in what was left of his right mind, the boastful one, boastful no longer, stood not upon the order of his going, but went at once.

DAVID: "Much can be made of an Irishman if he be caught young. How about that, Houghton?"

PROF. PENCE: "This is a sketch."

SLIMP: "What is it, Professor, a dam or a spiral curve?"

TOM MANNING: "I'd like to be an axman on a lake survey."

PROF. PENCE TO BANES: "What is a virtual grade?"

BANES (absently): "I have Jacks up."

MR. WAESCHE: "We have part of the hour remaining, so the class may design a power plant for the utilization of Niagara Falls' water power. If you have any time left, make out a complete estimate. The next text is the next three chapters."

PROF. FLUEGEL: "When I was in college in Berlin, I was always broke the last thirty days of the month."

HARTLEY: "You must have been in a deuce of a fix in February, Professor."

SWITZER: "A good many dwelling-house windows are double, arn't they?"

SMART: "No, I think not"

SWITZER: "All I have paid for were double."

GEORGIANA (gazing intently at C. H. Quinn): "My, what a sweet mouth he has!"

Oliver Slimp, graduate student, to street car conductor: "Are the car lights in parallel, or in series?"

LYDIA MARKS: "So sweet, so winsome, and so much."



The Dorm. Devil.

A. S. McBroom: "Study hard, old man, and you will be, all in due time, a civil engineer."

A Philaethean Meeting.



THE Secretary of the Philaethean Literary Society was an efficient one, but there was at least one meeting she failed to record. The members of the Society, as usual, proceeded to their hall, each one charged with the duties of the hour. On this particular Friday afternoon a bevy of the members tried the door and found it locked. Evidently something was wrong. The key that had always been used failed to perform its duty. The girls stood in amazement. It was either a deplorable accident or a foul plot, and anything that thwarts a college girl's will is never regarded as an accident, but rather as a conspiracy; and this was no exception to the rule. The thoughts of a conspiracy! What could more easily bring forth the peculiarities of the fair co-eds?

And who should lead this onslaught other than one of our high and mighty seniors? She was a dramatic girl and with eyes snapping and nostrils dilated, she assumed a tragic air and roared above the others: "Zounds! have the Gods forsaken us? The gates barred against me—Georgiana the First? Swing the drawbridge, ope the gates! Ho there! Send hither my brother, page of the Indiana State Senate, and let him carry my demands at the point of his spear."

"Yes; open up, tight wad! You'll have to hurry; for we're going into that room or bust the tug," piped the girl from the

Toledo Manual Training School, thus bringing into play the knowledge of which she is so proud.

Discussion was at its height. Every girl expressed an opinion. Even the religious black-eyed ex-schoolmarm, attempting to pour oil upon the troubled waters, struck a beseeching attitude, and with eyes gazing heavenward, said, "Girls, girls, know you not that it is in the holy writ that the Lord giveth and the Lord taketh away, blessed be the name of the Lord? Are ye not also taught to watch as well as pray? So let us offer a prayer that some kind angel, knowing of our dire dilemma, may bring us a key which will open up to us the fountain of knowledge."

"Prayer—rats! The Lord helps those who help themselves. What we want is a girl to climb through that transom and open the door, or a man to kick it down. So let us sing one verse of 'Oh, for a Man; Oh, for a Man,' " cried the flippant, blue-eyed singer from over the river, as she started in saw-filing tones the song she mentioned.

The suggestion of a man in the dilemma brought the little black-haired art student to the front, who proceeded to again dilate upon the wonderful qualities of "Pet," and what he could do if he were here.

"Donner und blitzen mit your Pet," said the German student. "He's feedin' frogs in Texas. I makes a motion dat die girl mit die gimblet curls—her vot comes down from der great Alfred—bore her way through, and den in can come us all, al-

INGRAM: "I run with Fankboner."

ready. Ach, mein Frauleins was denken sie von das?"

At this suggestion the dumpy, rosy-cheeked girl, of whom it is said, "Her nose tips, tilted, like the petals of a rose," said in her beautiful French accent, "Wie wie, Bien!"

In the meantime a convenient table had been drawn to the door and the president of the Society now mounted it and in her usual placid tones said, "Girls, I have found the key not to the door, but to the situation. Some one must go through the transom. Are there any names to be proposed?"

Scarcely had the question been asked when a freshman girl began the ascent. "'Tis well," murmured the senior South-Bender, "Prof. Lotts would have had it so."

By this time the fair climber was perched upon the transom bar ready to begin the descent. But Fate interposed in the person of Dr. Stone, who in his mild manner and dulcet tones said, "Young ladies, get out of here. I've stood this racket as long as I can. The Philalethean Literary Society is dismissed for the afternoon. Leave this building immediately and as quietly as possible."

And the Phillies wrapped their cloaks around them and silently stole away.

ROBERTSON, in thermo: "You see, Mr. Diesel designed his motor to work on various fuels, and just now he is experimenting on coal, using it directly in the cylinders."

WINTER: "What does he do with the ashes?" (Robbie explains this.)

WELCH: "Do you suppose he could use cord wood?"

GOUGH, in class: "Shoot! I know what I've done, but I can't explain it."

Guy McCargar meant no harm

When he spanned her waist with his gentle arm.

Then she turned red, as girls do, you know,

But did Guy turn red? O, my! No!

MISS MEIGS (at Hinea and Elam's photograph gallery): "Oh, Mr. Hinea! I feel such a self-conscious expression about my mouth!"

MRS. McRAE (to H. A. Miller, '01, in Freshman English class, after Miller has found and lost the place three times): "Mr. Miller, you are as slow as molasses in January."

OPP: "I think I could raise a pair of burnsidies and a little settee."

KIRKPATRICK: "If you want any help, girls, just yell 'Fire.'"

WESTFALL: "Bruner, what's the formula for 'Trumble's Bull?'"

H. O. WATJEN: "Otto of Old Vincennes: The Wizard of the Wabash, the 'same to you, sir,' man, the light fingered, heavy footed minstrel of A. O. D. D."

CHASE DAVIS: "I would scorch you with a witticism, an' I dared."

Smart Sayings.

IF USED to be, in the early days of railroading in this country, that the chief engineer was the whole thing; but nowadays there are others."

"When Stephenson got up the Rocket, he made a ten-strike. If he hadn't made a ten-strike at that time the locomotive might never have come out; at least, it would not have come out for some time, for it would have had a black eye to start with."

"Mr. Atkins, suppose you had a pail of water and a pail of oil, both at the same temperature; which would cool more rapidly?"

Atkins—"The water-er—the oil?"
"Yes."

"This column of air weighs more, therefore it is heavier. Now, since there is a greater weight of air in this flue, how would you stop the flow?"

Switzer—"Um-um-er."

"You'd cool the other column of air, wouldn't you?"

Switzer—"Yes. Or you might shut the damper."

It now seems as though piston valves are all right, and that they are the coming thing. When they were first used, the

packing was sometimes made so tight that it took more power to move them than it did to move a flat valve. This, of course, gave the piston valve a very black eye.

To Margaret Haywood:

A darling girl!
A soft brown curl!
A cheek with beauty flushing!
A charming miss,
With promised bliss
In those sweet lips just made to kiss,
And seeming ever blushing.
Of this dear maid,
I'm half afraid:
She seems so far above me!
Yet my whole life
With pleasure rife
Would be, if she would be my wife,
And say to me, "I love thee!"
Must I confess,
Or can'st thou guess,
Who is this lass I'm after.
Why, Marguerite,
'Tis thou, my sweet,
'Tis thou couldst make my life complete—
What's that. Do I hear laughter?????

"Have you noticed any halo around Bruner's head?"



The Gospel of Matthews



Fan.

(This Gospel is not that found in the Bible. It is the Gospel of one, "Hefner" Matthews, once called "Candle Power.")

"The engineer's unit of force is not a good one, because it depends upon the weight of a piece of platinum weighing one pound. If that piece of platinum should happen to be lost, we would be up a stump."

"A transformer behaves as though it were absent; that is, the more nearly absent it is, the better the transformer."

(Giving out problems.) "Kalinowski, you will please not tell the others how to work these problems."

"The wattless current has to be in an alternating current circuit; but it does police duty—no work."

(Looking up advanced lesson.) "As the pages of this book are very thick, we will take a good many of them."

A PARABLE.

"Ah! That reminds me of a story. Once upon a time, a commercial traveler happened to attend church at a small country town during a revival, and, being tired, fell asleep during the sermon. After the sermon, the pastor asked all those who felt that they were saved to stand up; and everybody in the church stood up except the traveler, and a few small boys in the back seat. Then the pastor asked all those who were not saved to stand up. The traveler awoke just in time to hear the words, 'stand up,' and jumped to his feet. No one else got up, and everybody was looking at him, so he turned to the pastor and said, 'Well, parson, I don't know what we're voting on, but I seem to be on the same side with you.'"

(After Fansler has floundered through an explanation at the board.) "Well, Ah! I didn't hear what you said, Mr.

MENNEN: "Was ever a chap so modest found before?"

Fansler; because I was thinking of something else. I hope you did better than I did."

You can always tell a direct current incandescent lamp from an alternating current one, if you move any object rapidly to and fro in front of it. If the lamp is using alternating current, you will see any number of objects, depending upon the velocity and extent of motion.

To illustrate, in a theatre in one of the eastern cities, the people had occasion to put in incandescent lights during a vaudeville performance. They put in alternating current lights, and the effect of the ballet was truly astonishing.

Incidental:

'Tis not the Springtime happiness of lass and lovesome
swain;

'Tis not the brightning sunshine nor the sweetly sad-
dening rain,

But 'tis the thought that soon we'll be at home, sweet
home, again,

That makes me love the Spring.

FANSLER: "Don't you want to subscribe for a Debris?"

PROF. GOLDSBOROUGH: "Well, I'll take one, and if they don't roast me too much, maybe I'll take more. I ordered three a few years ago, but the fellows hit me so hard that I didn't dare give them away."

PROF. STURMER: "Now, here's a problem for a philosopher. Mr. Hardman, step to the board."

FANSLER (to Greenick, who is tipped back in his chair with his hat down over his eyes): "What's the matter, old man—sick?"

GREENICK: "Hell! No! I'm in love!"

MR. JASCHKA (who has just been nominated): "Mr. President, I move the nominations be closed."

PROF. LATTA: "I intended to take the class out for some field work with the dynamometer this morning, but I think we had better stay indoors, since the weather is so very inclement. The grass is high and wet, and the air is so damp and chilly that some one might take cold."

Poor dears!

DEAR MR. EDITOR: I am a long, tall, smiling freshman from Fort Wayne. My mama tells me that I am almost a man. Did you ever see me ride a bicycle? I have made several famous rides. I would like to tell you about them, but space don't permit. I also went snipe hunting once, and had lots of fun. Yours, with a standing broad smile,

"SMILES" LONGAKER.

P. S.—I once boarded at the Hall. That's all, I guess.

MADAME DAVIES (calling the roll): "Can anyone tell me of the whereabouts of Mr. McGovney?"

TANNER: "The fallen gladiator."

A Story of Freshmen and Sophomores.



ONCE upon an autumn evening,
Sweet and restful autumn evening,
When the world seemed still and peaceful,
Forgetting all its cares and sorrows,
Many Freshmen congregated;
From the lodges, from the forest,
From the free lunch and the pool room,
Many Freshmen congregated.
What had brought them thus together;
Brought this tribe of many people—
With their strained and anxious faces,
Hoping much and trusting blindly
To that Providence sustaining
Drunken men and foolish babies,
That no evil should o’ertake them,
Should o’ertake them and confound them—
Together on this autumn evening?
List, my child, and I will tell you.
To the northward of the campus,
Brilliant in its scarlet war paint,
Stands an old tank which for ages—
’Tis a wise and brave old custom—
Students of Purdue have painted,
Painted with the magic numbers
Of the class they represented.

Then, with bonfire blazing brightly,
’Round its foot they give their war dance,
Give their brave old “hoochee coochee,”
Dance of scorn and proud defiance;
Calling to the other classmen
To come nearer and to fight them;
To decide who was the stronger.
This is why that autumn evening,
When the world seemed still and restful,
And the air was sweet and lightsome
As a moonbeam on the river,
This is why these valiant Freshmen
Came, a mighty band, together,
From the corner of the campus—
Where they marshaled first their forces,
With the white chief, General Cleary,
To advise them and to tell them
How to make their war successful,
And to make the Sophs. feel smaller;
Make them tremble like a woman
When she hears the wild wind whistling,
And the fallen leaves a rustling—
To the tank they took their war trail,
Over road and over cornfield;
Through the forest and the meadow,

GREENICK : “Some think I’m tough; but, do not fear. It’s all a bluff.”

In small parties and in large ones,
Thus the Freshmen took their war trail.

When they gathered with their war paint,
Near the tank so tall, so silent,
Which, with proud and reddened grandeur,
Loomed above them, high, majestic;
And unto their eyes distended
Seemed a thing of size colossal—
How to climb it; how to paint it,
Was the very natural question,
Over which they next did ponder:
Long and deeply did they ponder,
And it seemed to them a question
Like the tank itself, colossal.
Many Juniors lingered near them—
Juniors, ever friends of Freshmen—
Lingered near them and talked wisely;
But seemed really quite unable
To tell how it should be painted.
Hutchings with voice loud, important,
Told his jokes both foul and wretched,
Making e'en his fellow Juniors
Ashamed for his very presence.
Vestal with his great, huge body—
Fat in head and fat in body—
Grinned and grinned and still said nothing.

Corwin, anxious restless, nervous,
As a summer-time mosquito,
Robbed an orchard close adjacent,
And sat munching little apples.
Then the wise and brave old Chieftain,
Cleary—nuttiest of the Juniors—
Rose and said with solemn visage,
“Fellows, we must have a bonfire!”
Then the Freshmen, near despondent,
Jumped up, cheered and stimulated,
For they thought—indeed they knew it—
They could build a dandy bonfire.
When the bright bonfire was kindled,
All the tribe felt much more cheerful,
With the red flames leaping upward,
In their weird and forked caressing
Of the logs in their embracing,
All the tribe then felt more cheerful;
And again they raised the question,
How the tank was to be painted.
Long and sagely did they argue
Over many a foolish method.
Till at length brave General Cleary—
Brave and wise(?) the war-worn Cleary—
Seeing naught could be accomplished
By thus mingling words together—
Words of meaning when well gathered,

BERENBAUM: “Indeed I’m much beloved—by me.”

But quite foolish as they spoke them—
Rose and thus addressed the council:
“Fellers, in the coming minutes
Many Sophomores will gather,
Gather and come out to fight you.
Now you want to all get ready,
Round the tank, and bunch together,
And remember when they paste you,
Stay together, keep together.”

While the General still was talking,
Giving wisdom to the Freshmen,
In the distance was a rumbling
Heard. At first 'twas low and awful;
Like to thunder in the distance.
Then the sound became much louder,
And at last could be distinguished
By the waiting mass of Freshmen,—
Voices, as the coming foemen
Yelled directions to each other.
Then the Freshmen, ever nervous,
Moved about to hide their feelings,
Till the wide resounding war cry,
“Keep together; stay together!”
Brought to them a wished-for battle.
On the Sophomores came rushing
Wildly, madly, bravely rushing,

As across the peaceful prairie
Rush the maddened herds of cattle,
On they came to where the Freshmen
Stood with full determination
To fight till death should overtake them,
Or some other fate befall them.
Round the tank they closely gathered,
Just as General Cleary told them,
Through their minds the thought resounding,
“Keep together! Stay together!”
Then, with rushing, as the whirlwind
Rushes in the time of winter,
Whistling through the barren branches
Of the old trees in the forest,
With a new and strange formation
The fiery tribe of Sophs. attacked them.
Cornell, with an eager gallop,
Like a warhorse scenting battle,
With his nostrils wide distended,
Anxious longing for the contest;
Plunges in and nails a victim;
Takes him out across the gulley,
Where he ties him up and leaves him
Until all the war is over.
Ruby works as if stern duty
Stood near unto him and bade him,
“Tie up Freshmen! Tie up Freshmen!”

BILL ATKINS: “A gentleman? Of charming courtesy?”

Hickman looks as though a pleasure
Had just been conferred upon him.
Really he doth seem to like it,
And to act as when some onions
Are served at the supper table,
And he knows no date awaits him.
Long and fierce the fight continued,
Freshmen showing wondrous valor,
As they bravely "staid together."
But the Sophomore's formation
Was to them a thing mysterious,—
Both mysterious and disastrous;
For, when two or three '03 men
Would together grab one Freshman,
Drag him, pull him to the meadow,
There to lie and moan in fetters,
They could not quite comprehend it,
Could not tell what was the matter,
And their crowd seemed growing smaller;
Did not seem to stay together,
Seemed to vanish into evening
As the light of day doth vanish
At the nightfall, into evening.

When at last the war was ended,
And the Freshmen were encompassed,
All the Freshmen were encompassed,—

All except those who, with caution,
Early left the scene of battle,—
Then the victors called a council,
Called a council of the wise men
Of the Sophomores, to ponder
And decide, in what stern manner
The defeated foe should suffer.
Long they argued; well they argued;
Each had his own plan of torture;
But all plans were soon discarded,
Cast aside to be forgotten,
When one youth inspired from Heaven—
Or, perhaps, 'twas not from Heaven—
Said, "Let's drill them 'cross the levee,
And fill 'em up on sulphur water."

As the birdling snatches quickly
For the worm it finds at morning,
So the class of Naughty Three men
Grabbed and collared this idea.
All the feet of all the Freshmen
Were released, and they commanded
To stand up. And then each Soph'more,
One for every docile Freshman,—
Docile Freshmen? Yes, as docile
As the king of beasts, the lion,
In his cage so slowly walking,—

RIDGELY: "A coming champion. He licked Tanner."

Took a Freshman, and they, walking,
Started down the road together.
Long, impressive, was the column
As it marched toward the city,
With the brave and handsome Eckhaus
And his stalwart, captive Freshmen
Boldly leading in the vanguard.
Down the road and 'cross the levee,
O'er the bridge into the city,
Up the street, to where the court-house
Looms a grand, imposing structure,
Sophs and Freshmen marched together,
Solemnly they marched together.

At the corner of the court-house
Stands an ever-flowing fountain—
With its living, sparkling waters,
Flowing, trickling in the basins.
But the seeming invitation,
Sweet and gen'rous invitation,
Of the fountain, ever flowing,
Is a base and foul deception;
For, as when an angry mother
Hides the whip behind her apron,
And calls sweetly to the garden,
"Willie, I have something for you,"
So the fountain is deceiving.

For its sparkling, silvery waters
Very pretty are to look on,
But to taste they're, oh! quite diff'rent.
Foul and strong and so disgusting,
Like to ancient eggs their taste is!
Here the Soph'mores and their victims
Stopped; it was their destination.
Then began the scene of torture;
Each and every captive Freshman
Was brought close up to the fountain,
And completely filled with water,
Filled up to the brim with water,
So if he a push were given,
And his mouth were standing open,
Water would spill out, and running
Down, would wilt his linen collar.

When, at last, they all were loaded
To the lips with sulphur water,
To the rear they set their faces,
And again across the levee
Marched they in the early morning,
Soph'mores filled with pride of vic'try,
Freshmen filled with sulphur water,
Back they marched across the levee,
Up the hill and to the campus,
To the corner of the campus,

FRIERMOOD: "And what can this man do?"

Where the overflowing Freshmen
Were set free from out their bondage,
And allowed to hurry homeward.
As the two bands broke in sections —
Soph'mores, proud and very happy;
Freshmen sorrowful and weary—
One young voice could be heard saying,
In a sad tone and discons'late,
"Fellows, friends, in all our troubles,
We've at least this satisfaction,
That we all have staid together,
Kept together, staid together."

MR. EDITOR: Do you know that Oliver Slimp is just the nicest fellow I ever saw? He's just so good and sweet. He's such a nice dancer, too!

But I was going to tell you about the time Doc. Hamilton and I went out to camp. We just got drenched with rain. Dear old Doc. Hamilton! It's too bad he drinks. I do hope that our Debris will be such a nice one! I might tell you a whole lot of roasts on my chums, Bess and Lydia; but I don't think it would be nice to take advantage of them.

Yours honorably,

FLORENCE HILLER.

MR. EDITOR: I just felt that I must write you my opinion of Stanley Coulter and tell what he has done for me, for

fear that some people may think I don't appreciate him. (Just wait until I twist up my hair.) ——— ——— ———.

Stanley Coulter is the greatest man I ever knew. I don't know what would have become of me, if it hadn't been for Stanley Coulter. Why, he opened up a new world to me! I'd never have had a thought, if it hadn't been for Stanley Coulter.

But I mustn't get excited, or my hair will fall down.

Very sweetly,
BESSIE MEIGS.

To Prudence Yager:

Like to a slender flower fair,
Of simple beauty, sweet and rare,
My Prudence is. Her girlish grace;
Her dark, dark eyes; her winsome face,
Do form a picture good to see—
A picture ever dear to me.
Yea! Should an angel to me say,
"If for a gift, to-night, you'll pray—
But only one you understand—
It will be given to your hand."
I wouldn't ask for beauty—nay,
Nor wealth, nor wisdom, but—oh, say!
I'd get these good gifts every one,
Because I'd ask for Prudence.

OTTO WILHELM BUENTING: "Quietly modest—of wisdom full."

A Senior Vagary.



THE twilight and the shades of night
approach;
The gathering darkness covers all
the world;
And then the mysterious people of
the night
Come forth, and in the distance I
can see
Their raiment white gleam dimly
through the mist.
They pass along the silent fields
of night,
Some with the stately step and
thoughtful air

Of serious minds that struggle with the tasks,
Which enter into even that far life.
Some pass along with light and joyous step;
Uplifted horns which seem to time the dance,
Are held to lips that blow while others sing
Songs that are borne on winds which do not reach
The ear, for all is quiet as dream.
A woman's figure clothed in raiment white
Approaches, and her nearing radiance hides
The throng from sight—they vanish in the dark.
She stands apart, and, from her attitude,

It seems that she would come and bring the peace
Of all that perfect, quiet dreamland life.
The veiling mist receding, brings to view
A beauty quite untouched by mundane cares,
Yet, stamped with wisdom far beyond this life,
Yet graced with woman's wondrous power to love,
And full of gentleness and peace and rest.
The light grows stronger,—I can see her eyes,
Deep wells of truth and purity and faith,
And round her mouth the glory of a smile
Glances, like sunshine struggling with light clouds,
And softens the pale coldness of her mien.
And I would speak, but, as the thought is formed,
The mist obscures her from my eyes again,
And down the long, dark path the others trod
She passes, and is soon gone from my sight.
Yet, that last look she gave me as she passed,
Is lingering with me yet; and I would know
The meaning of that glance which faintly thrills
My soul with longing and a sweet unrest.
Who is she? But it seems I cannot know;
And yet, a vague remembrance flits across
My brain, of face once seen on earth; but still
The recollection dies ere I can tell.

HARRY WILSON : "Was ever such a mixture made before?"



Can You Imagine

Greenick preaching?
Fowler turned loose in Chicago?
Bronson in tights?
Klipsch talking in a low, sweet voice?
Buenting peddling hair-restorer?
Tark back on the farm?
Watjen with a pug nose?
Banes in a hurry?
Holt playing baseball?
Miss Meigs with her hair combed?
Switzer at a free lunch counter?
Hull saying his prayers?
Laidlaw working?
Chambers a real sport?
Fankboner and Ingram scrapping?
McGovney looking happy?
Fansler bald-headed?
"Irish" David peddling bananas?
Call without a yellow streak?
House attending dancing school?
Cleary painting the tank?
H. R. Wilson running a chop house?
Lynch with his knees unsprung?

H. J. ROBERTSON: "And he can sing—like to a bird."

Miss Tobias selling "War Cry's"?
Nordstrum on stilts?
Holman going to a football game?
Hitt with his toes turned out?
Miller winning the mile run?
Kalinowski taking a bath?
E. L. Smith teaching a Sunday-school class?
Howard earning his salt?
Slimp admiring some one other than himself?
McCoy cracking a joke
Green an M. D.?
Hays with eyebrows?
Dirham walking like a man?
Endicott editing a decent paper?
Hatch getting drunk?
Prudence Yager doing a cake-walk?
Klein in a good humor?
Miss Hiller keeping quiet?
Atkins bow-legged?
Davidson studying?
Miss Switzer walking with Dale of Daleville?
Eckhaus tall and slender?
Kirkpatrick bashful?
Miss Marks looking thin?
Miss Crampton an old maid?
Vincent fuller?
John Hyppolite Jaschka ——?

When Earl Fristoe came back
With his pipe and carpet sack,
He went a looking for a room one morn,
And it made him very sore,
'Cause the lady at the door
Sweetly asked him, "Sir, are you a Short-horn?"
Now, though 'tis wrong to cuss,
Mister Fristoe answered thus,
"Oh, ! ! ! ! ! ! ! ! ! ! ma'am!"
Then he gathered up his strength
As though he'd talk at length,
And expended it in one enormous "Damn!"

—————
Purdue STANDARD note cover: Changed every year.

—————
Renner, '02, to Barnes, '01, who is calibrating gauges to be used in his thesis work—"How are you making out, old man? I did that the last time. I got higher results than those, though."

—————
Switzer, 9 p. m.—"Oh Lord, if ever Thou didst work a miracle, work one now! Make me to know this Thermo, for I am sleepy and would to bed."

—————
Prof. Waesche—"This, however, is not an equation of equality."

—————
Fowler—"Say, what size nut goes on a $\frac{5}{8}$ bolt?"

GRIMM: "I long to be a Buffalo."

The Seniors Line Up at Chapel.



THERE are certain Seniors who always attend chapel. Some attend as a devotional exercise, others find it conducive to good health, the effect being similar to that experienced in climbing Mt. Blanc. Still, others attend from force of habit. Until this year chapel attendance has been compulsory, and some of the fellows, living examples of the least resistance theory, find it easier to keep on going than to break off a bad habit. Other men have still other motives. Now there are Lannerd and Bruner, who, up till Christmas time, were laboring under the delusion that credits were given for chapel attendance, and who had planned definitely to make this their major line of work, and had even decided to take their theses upon this sub-

ject, but alas! "Whom the gods love they chasten." It is rumored that when Lannerd discovered his mistake he smote himself upon the thigh with one hand, while with the other he pulled out a whole handful of his back hair, and muttered in a dialect, half Dutch and half white folk's talk, "There was been some mistake about this."

Then there's Lund, who comes up as a matter of dress parade, finding this a splendid opportunity to exhibit his fine carriage, which, by the way, we consider a little buggy—but Lund comes in a devotional frame of mind, and often when all others are singing "Holy, Holy, Holy, Lord God Almighty," Lund has been heard softly humming to himself the tune, "Just One Girl," and when others sing "Blessed Trinity," Lund has been heard to mutter, "Oh, come off; three's a crowd." Then forgetting all else, his hands crossed upon his breast, and his liquid blue eyes cast upward in a spirit of devotion, his effulgent face is turned toward the east, as the Mohammedan prays with his face turned toward Mecca. Often when the exercises are concluded, young Lund has been noticed to remain in his pew in a dazed, absent-minded sort of way until some obliging classmate snapping his fingers in our hero's face has shouted in his ear: "Right you are! Change cars for Polycein!" and Lund, heaving a deep sigh, and casting one side-

REAMER, WALKIST: "He won an easy third, and a pair of dandy gallusses."

long glance in her direction, crosses himself and departs hence as one who has seen visions and dreamed dreams.

Then there's "Shorty" Nordstrum, who attends regularly, as all growing boys should. If Shorty were inclined to be dishonest, he might avoid the trouble of climbing the stairs and witness the exercises by looking in at the window, but being one of those honest men, for whom Diogenes searched so diligently, Shorty purchased a season ticket and is usually on hand. Like Saul of old, he is head and shoulders above the multitude.

Shorty is one of those fellows who was created a little lower than the angels, that the Scripture might be fulfilled, which says: "How long, Oh Lord, how long!!!" And again it is written of him: "When Thou passest through the waters I will be with thee and through the rivers they shall not overflow thee." There is always a suggestion of inconsistency when Shorty sings "Hide Me, Oh My Savior, Hide Me." But then, we are reminded that "all things are possible to him that believeth," and if it were necessary a Jonah's gourd could be grown in one night big enough to hide Shorty.

Then there's McGovney, who comes frequently and would come oftener if the ventilation were better. Oh, that awful sickening odor to which every line on his face bears testimony. We have often wondered, in looking at his disturbed countenance if his olfactory lobes are not larger than those of the average mortal and if, indeed, the average man is not odor-blind. If so, this is one of those instances when "Tis folly to

be wise when ignorance is bliss." In looking at him we have often been led to exclaim with the poet: "Oh man, thy delicate, sensitive make-up, unfits thee for this garbage-ridden, beskunked world." We can't get away from the impression that some of McGovney's ancestors ran a glue factory, and that on this account this peculiar facial expression has been transmitted from father to son, etc.

There are a number of other fellows who deserve honorable mention in the Senior line-up, but space and time forbid.

In the hallway, at the noon hour,
Just in front of Ellsworth's door,
Every day there stands a couple
With their feet upon the floor,

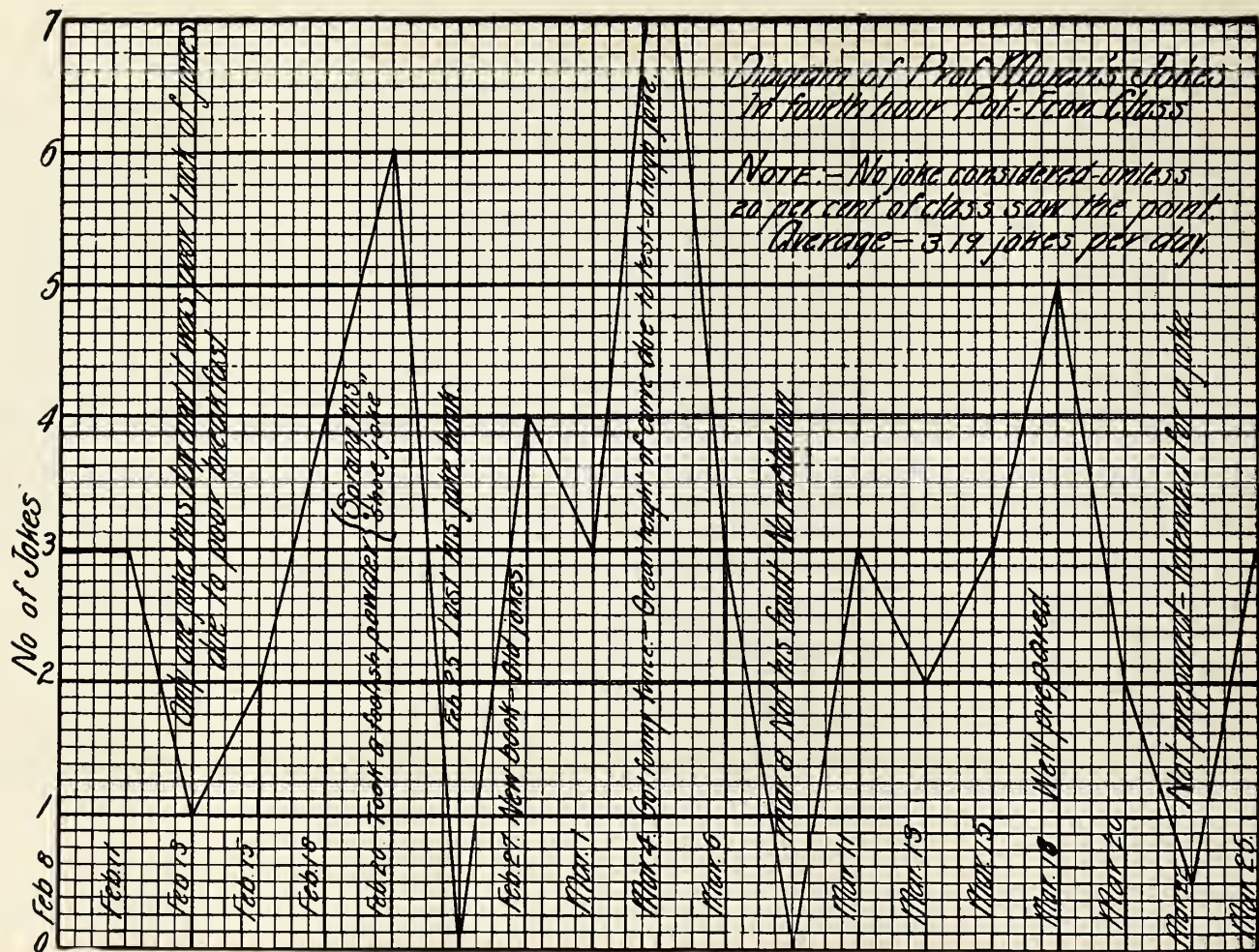
And their arms about each other,—
No, I think that must be wrong;
For, though Pet, of course, would like it,
Edith would think that too strong.

So they stand and gaze intently
While the precious noon hour flies,
Putting all their love and longing
Into four fond google eyes.

HATCH: "Who's that over there?"

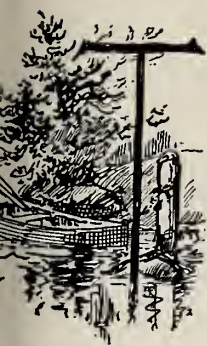
GREENICK: "Dunno. He's got patent leathers on—must be a railroad president."

McCox: "Oh, Mac! thy jokes are like thyself, both fat and heavy, and sometimes a little strong."



ENSMINGER: "That handsome football player."

Human Body Class.



THE Human Body Class is assembled and Dr. Coulter ambles into the room and takes his stand before the class, his toes turned in at an angle of forty-five degrees and his eyes rolled up like those of the Madonna Dolorosa. This being the signal to the class to come to order, Lydia breaks off in the midst of a conundrum she has been propounding. The lesson is to be a sort of general review.

Joe Andrews is called upon to give the function of the adipose tissues. By the way,

Mr. Andrews enjoys the distinction of being the only member of the class who can sit, with perfect ease, upon the small of his back. Young Andrews, whose cheeks Aurora has kissed every morning for one and twenty years, rises, his hands thrust into his trousers pockets up to his elbows (this habit has caused Mrs. Andrews, Joie's mamma, no end of trouble). Well, anyhow, the youth rises and from his rosy, cherub lips comes a low, deep sound, not unlike the drone of a bumble-bee. This he continues until a nod from the doctor indicates to him that it is finished.

Will Martin is called upon to locate the various plexuses of the body, which he does to a T, his rich, juicy articulation, supplementing beautifully his ready flow of language. During these recitations Dr. Coulter has entertained himself as well as

the class by certain little sleight-of-hand performances, such as tossing up bits of chalk and firing paper wads at the waste paper basket.

All this time Simons has not once closed his fly trap, and as he sits there he illustrates, perfectly, what attention will do for a fellow when it has the right of way.

Johnny Opp, who Otterbin at home, is called upon to locate the brain, but owing to a slip of the memory he flunks out on the questions, notwithstanding the fact that he studied for this test with his feet in a tub of ice water in order to drive the blood away from that not unimportant part of his anatomy. It is reported that when Johnny packed his trunk to come to Purdue he forgot to put in his capacity. An appropriate epitaph for his tombstone would be: "Here lies Johnny yet. The ghost was willing but the meat was feeble and his teeth were few and far between."

Elizabeth Meigs is called up, and the musical cadences of her own inimitable voice put to shame the song of the whip-poor-will. No matter what she says, those melo-dramatic intonations will never be forgotten!!!

Bang! bang! whackety! bang! The steam has come on! Dr. Coulter glares at the offending pipes with a look that is a cross between the expression of a Christian martyr, and that of Cain just before he swat Abel one. Grabbing up the deck of cards he shuffles them in a desperate sort of way and just for

COFFING: "No other man is like to this."

spite calls on McGovney, who, ever since the recitation began, has been pale around the mouth and looking sick enough to throw up his shoes—all from downright suspense. The various expressions that have chased one another over his classical features remind one of the changing skies of an April day, and now, sure enough, just as he had expected, his death warrant has been read. The corners of his mouth droop, his eyes flash fire, he shows his teeth, but, swallowing his rage, he rises, and slowly, thoughtfully, improvises to the best of his ability. That man knows more about cinder tracks in a minute than he does about the human body in six months. He may have been “a first class fightin’ man,” when he was down in Cuba, but in this class he’s “a poor benighted heathen.”

All the while Kirkpatrick’s diamond ring has been refracting and reflecting its idio-retinal light under the skillful management of the operator.

Dr. Coulter now gives a spiel upon “Hair—its uses and abuses.” Leonard, who, by the way, is a keen fellow in this class, and who wrote a thesis upon the “Arachnoid Mater,” considers these references to hair, thin and decidedly out of place, regarding hair as a luxury rather than a necessity.

And now Dr. Coulter calls up a man whose very name we utter with the deepest sense of our own unworthiness, a man whom it is our honor to introduce and yours to meet—the referee of the class—a man who never strikes out in a recitation, but who always makes a home run—a man who knows how to judge a live mutton, and one whom a poor Shropshire would blush

to meet. We refer to Frazier—“May he live always and be six months a dyin’.”

But our characteristic recitation will be far from accurate if we fail to indicate that over and above all other impressions in this class are those made by the burning words of Dr. Coulter. Never is a recitation ended but many new lines of thought are suggested by him. All too soon the bell rings, for Dr. Coulter is one of those born teachers whose recitations are always delightfully interesting, and for that reason always too short.

FANSLER: “Is Miss Lindley coming up?”

MISS MARKS: “Yes.”

FANSLER: “Well, keep your faces closed, everybody.”

WATJEN: “I once kissed a girl one hundred times in succession.”

FRIEND: “What did you do with your nose?”

PROF. EVANS (at gym. contest): “Here comes Greenick with his link motion walk.”

Over the hills to the poor-house, I’m trudging my happy way,
The profs. ’ll ask, “Where’s Frazier?” “He’s sick,” the fellows
will say,

“He seems to be bad every Monday,” the registrar ’ll dryly
remark—

“But, then, I guess I’ll excuse him, for, you know, he’s such
a shark.”

HOKE: “A man of wide acquaintance in the city.”



WHERE STUDENTS LIVE.



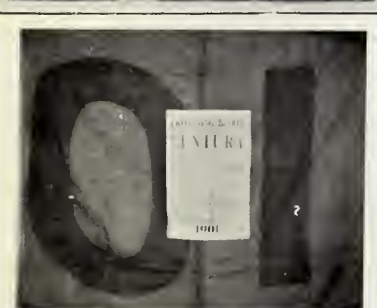
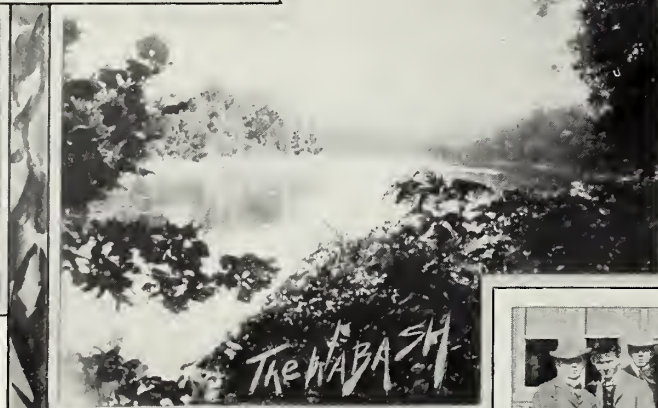


03



Prophet's Rock

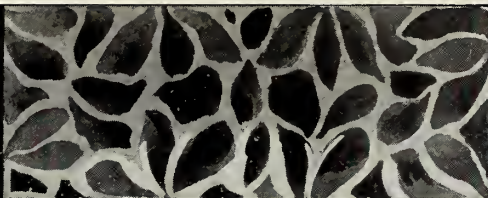








on the inspection trip



Ch...



MIKE and KATY-



A.O.N.

A Recitation.

A Howling Comedy in One Act, performed by Senior Civil Star Burlesque Co., under the personal management of Prof. W. David Pence.

SCENE: Prof. Pence's Recitation Room.

TIME: First recitation hour in morning.

Prof. Pence enters with a light, tripping step. Banes' story is interrupted and the class scrambles for seats.

Prof. Pence: "As the time is limited and the subject we have under discussion this morning is very broad, we will omit the roll. Those who are absent will report the same to me at the end of the hour—that is to say,—or I should say, if they should think of it. The subject under discussion this morning is "Frogs and Switches."

Mr. McBroom, what is a frog? By the way, frogs are very interesting from the standpoint of the young engineer."

Mr. McBroom: "Well, perhaps, a frog is—why, a frog is called a frog because it looks like a frog."

Prof. Pence: "Very good, Mac, I see that you are thoroughly familiar with the subject. Now, Mr. Slimp, from your observations on the B. & O. Southwestern, where are frogs used the most?"

Slimp: "Well, professor, I guess they are used at Jami-son's, about the first of the month, mostly."

Prof. Pence: "Well, Bert, nearly so, but from data I have gathered, I find the consumption at Wendling's is about 11.7 per cent. greater. That is approximately correct, and for our pur-

pose is satisfactory. Mr. Manning, why are switches used?" (No response.) Mr. Manning, arousing at last from his nap: "What—did—you—say—William D.?"

Prof. Pence: "This room is a little close. I suppose that is the cause of the extreme drowsiness of the class. We will arrange to have it remedied."

Tom M.: "No—professor—me and Banes—staid up late last—night—drawing—" (Murmurs from class—"How much did you win?")

Prof. Pence: "That reminds me of an incident that occurred to a friend of mine, a member of the American Society of Civil Engineers, and now deceased, who for several months spent his entire evenings designing a high pressure, automatic cut-off, rotary steam whistle, and became totally unfit for day work. But to return to the subject. By the way, Prof. Slimp's brother tells me that the Brook's people are going to put out a 225-ton locomotive to run 120 miles an hour. Do you think that speed possible, Irish?"

Mr. David: "Well, I—a—yes, Bill, if the gear is high enough and the track is theoretically banked."

Prof. Pence: "Everything is getting massive in the railroad line. That reminds me of a little piece of poetry a friend

LE FEVER: "Let a little sunshine in."

of mine wrote. He, by the way, was a member of the A. S. C. E. and is now deceased. It ran something like this:

There, little coal car,
Don't you cry,
You'll be a box car
Bye and bye.

"This, of course shows the foresight of this engineer, who, by the way, was an expert in his line, in prophesying the increased capacity of the present day cars. Houghton, how is your road in this respect?"

Dinnie: "The Lake Shore always is in the lead in railroad improvement, professor."

Prof. Pence: "Billy Prentice, how will this affect plate girders? I believe this will bear on your thesis."

Prentice: "Well, Pansy, it will induce tension in the compression struts and cause the paint to scale off and give the fish indigestion."

Brown: "Say, professor, the Pennsylvania uses red paint on bridges and this causes the white fish to look something like red snappers. Hence the high price of eggs."

Prof. Pence: "Anything further? This is very interesting and is a wide field for research. Well, the hour is about up, so for next time be prepared to discuss frogs and switches, Chapters 19 and 20. This may seem a little long, but if you will read it over carefully you can pick out the important points. Don't forget your design of the Chicago termini. This will give

you practice in switch design. Class dismissed.

Class awakens and reassembles in the corner, where Baner finishes his story.

Thou morning sky! Thou, beautiful!
With beauty all thine own!
I fain would lie and let thee have
The beauty all alone.
Thy fleecy clouds of glist'n'ng white!
Thyself with blue so silked!
I'd rather sleep and miss them, but
The cows, they must be milked.

JULIAN ENSMINGER.

Some things a Senior electrical would like to know:

Why Prof. Matthews does not at least read the lesson over before coming to class?

Why he never brings any books to class?

Why he doesn't learn to use an eraser?

Why he likes to eat chalk?

Why he doesn't have more life and snap?

Why Prof. Goldsborough does not get out a set of readable notes?

Why he so ingeniously avoids answering questions?

Why he never has any lead pencil?

Why he and Instructor King don't take off their coats and scrap?

Why Esterline does not talk athletics during lab. hours?

Why he never gets sore at anyone?

Why he isn't at the head of the electrical department?

WINTER: "Just one more beer."

The Shorthorn.

THERE was a time when everything did look,
That come out of a book,
Most wonderful and new,
But now that's passed away,
Since I have been to stay
Down at Purdue.

When I get home, I'll go right to the store,
And tell them fellers there,
They can't have no idee
Of how to run a farm,
Raise pigs, or build a barn,
Or plough, like me.

Oh gosh! I know so much it hurts my head!
Although my hair is red,
The gals back home 'll see
My city clothes so swell,
And then, maybe, they will
Be good to me.

I've bought a great big ring—five dollars! Gee!
Sich stones you never see!
As big as eggs! If that
Don't fetch old Simpson's gal,
And make her be my pal,
I'll eat my hat.



E. L. SMITH: "Friendless, forlorn and searching for hand-outs."

The Purdue Band's First Annual Minstrel.

On the evening of the 29th of March the Purdue Band gave its first annual minstrel show and it was a flattering success, both as a minstrel and financially.

Mr. M. A. Call acted as interlocutor, and Messrs. Hull, Harris, Slimp, Quinn, Jaschka and Schwab were on the ends. The chorus consisted of Messrs. Scott, Weir, Roach, Robertson, Clark, Hutchings, Berry, Chamberlain, Kittredge, Hardwicke, Sanderson, Bartholomew, Winter and Stein.

From beginning to end the entertainment was fast and lively, and all of its patrons were more than pleased.

The tumbling given by Messrs. Dexter, Freeman, Gough, Lynch, Lewis, and Reiman was a revelation to everybody, and was almost professional in its character.

Echoes:

END MAN: I say, Mr. Interlocutor.

INTER.: Well, Mr. End Man.

END MAN: Do you know Mr. Julius Meyer?

INTER.: Yes; I am acquainted with Mr. Meyer.

END MAN: Well, did you ever notice what a big mouth he has?

INTER.: My attention has been called to it once or twice.

END MAN: Well, do you know, whenever Mr. Meyer washes his face he just opens that mouth of his and rubs behind his ears a little.

The audience did not get to see one of the best features of the show. We refer to the argument that was held with Mark's mule out in the alley.

Dear Little Eva, you couldn't help loving her.

.....
: FURNITURE STORE. :
: FAMILIES FURNISHED HERE. :
.....

Mr. Turner, to Clerk: Here are two dollars; give me a wife and five children.

“Coon, Coon, Coon, I wish my color would fade;
Coon, Coon, Coon, I'd like a different shade;
Coon, Coon, Coon, morning, night, and noon,
I wish I was a white man 'stead of a
Coon, Coon, Coon.”



LANNERD: "Some go to chapel because they are devout,
But I go to chapel to help the singing out."

A Football Game.



WHAT do I know about football? Nothing. I never saw but one game, and I didn't see that exactly, I experienced it. My education isn't much, though I was reckoned among the pert girls in my day. When I went to school they didn't have any of those high-faluting games. We girls used to play "jump the rope," "ring around the roses," "oats, peas, beans and barley grows." The boys played "crack the whip," "black-man," "blankelilo," and some times the girls and boys would get together and play "heavy, heavy hangs over your head," "look to the east, look to the west and kiss the girl that you love best," and such other innocent and harmless games. There was one boy at school that always would kiss me when we played that game. He was the biggest boy in school and the best one, too. My father was the schoolmaster and it was thought to be some to kiss the master's daughter, and the other boys and girls seemed to be jealous of me and Jim. Well, time stops for nothing and things are always happening, and it did with us. Jim's mother died and he was bound out to learn a trade with my father, and we lived in the same house, and we got to liking each other better every day and he would do everything I told him to. If I told him to lick a boy he done it, and if I told him not to speak to a girl he obeyed me. Finally, Jim learned his trade and started for himself.

What's that got to do with football? You wait, nobody can tell a story until they get there, can they?

Well, in 1861 Jim went to war and served four years. We wrote to one another while he was gone and he came home with

shoulder-straps on. He had won them serving his country. The papers said it was for "Meritorious conduct on the field of battle." Jim put on a little style over me when he come back and hinted that I should call him "captain," and to spite me used to shine round other girls, but I soon cured him of that. I had another beau one night when he come and the next day he proposed, and, of course, I accepted.

Never mind. What I know about football is coming.

We got married and prospered reasonably well. We were blessed with children, and James and I—I call him James now—concluded to give the children a better education than we had. They graduated in the home schools and then we sent 'em to college—to Purdue.

When we were boys and girls the talk at home was choppin' wood, splittin' rails, diggin' potatoes, settin' hens and sich. Now the talk when the children came home from college was "Athletics," "Physics," "Laboratory" and a lot of other foreign things. James and me couldn't tell what they were talking about half the time. The new scholars they called Freshmen, and when they'd come some more they called them Sophomore, and so on. Just every-day setting of a hen and watching and caring for it and taking care of the chickens they called "Embryology." What in our day was making pictures on a slate and getting licked for it is called "Free-hand drawing." Making willow whistles and whittling things and sticks is called "Wood carving," and when one of them gets pretty flip at it they call it "Modeling in high relief." Just ordinary eating things that you like and is good for you, and letting things alone that don't agree with you is "dietary experiments." Did you ever? Our

HAYES: "And he can advise on all subjects pertaining to a locomotive."

old-fashioned "Jack-'o-lantern pictures" on the wall, down at Purdue is called "Technical Inorganic Views." Humph! think of that. Scabs on plants, trees and things are called "Fungus growth," and every-day cats, dogs, horses, cows, calves, pigs and sich-like that grows on a farm are "zoological specimens." Don't that chill you? The children went to Purdue so much that we really couldn't understand their language any more, and James and me had a confab about it, and James said as how the children were educated and we wasn't, and James never would let anybody beat him, so he commenced to buy books, and we read to each other out loud o' nights, and the family was getting to have a better understanding of each other.

Yes; I'm coming now to the football business. Let me see, it was about 1890 or thereabouts, Butler and Purdue were going to play to see which was boss, and the children said that we must go—me and James. I set my foot down square on that proposition, but James was getting, as he used to say, sort o' college-bred himself since he had been reading them books, and he went. The children wanted him to wear the college colors, as they called 'em. But James balked. He said he would wear no colors but the stars and stripes; he had carried them in battle and he had fought for 'em and there was no use talking to him about wearing any other colors; he was too old to change his allegiance. James was firm when he set his head, unless I told him to change,—then he changed; but this time I was on his side. Well, James went, and he came back. I was tending to my household affairs when the door flew open; James jumped in and yelled like a maniac—"Bully for old Purdue." At first I was scared and then I got mad. I looked up and saw James; and what a sight. He was covered with yeller and black ribbons and rosettes of all sizes, lengths and shapes. He looked like a clown or like the pictures of the fool what olden-time

kings used to have around 'em. I flew at him and he pushed me back and as I fell he yelled, "Five yards gain." I kicked at him while I was down and he yelled, "Two more yards on a foul," and then hollered—

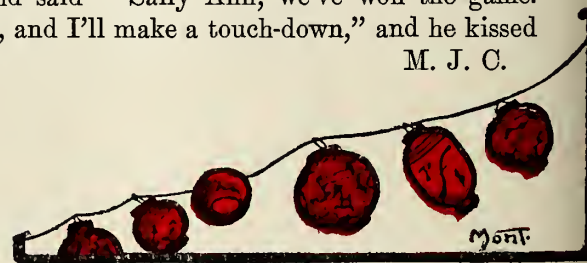
"Zip, rip, none o' your lip,
We're the pick from up the creek,
We're from old Purdue."

He acted like he was either drunk or crazy and I saw that I must conquer him now or never, and I up and gave him one and he called for one of the children to "tackle her," and called for a "half-back," and then I gave him another bout which sent him over on what my daughter laughingly said was a "full-back." Then he got up and jumped for me, but I dodged him; he called "a fumble" and yelled—"Nine 'rahs for old Purdue."

"Hoot, scoot, grab a root,
Betsher boots that I'm a beaut,
I'm from old Purdue."

At this I saw his hat on the floor and wishing his head was in it, I gave it a savage kick and it landed squarely on the "God bless our peaceful home" motto that was hanging on the wall, and then James made what he called a "center rush," caught me round the waist and said—"Sally Ann, we've won the game. You've kicked goal, and I'll make a touch-down," and he kissed me on the cheek.

M. J. C.



KING: "I room with Hull."

An Old "B. S.'s" Dream.

I SAT before the glowing grate, where roared
The natural gas through heaps of fire-clay;
And as its warmth around about me poured,
I smoked my pipe, and thought of other days.
And as I smoked, as men will often do,
I fell asleep and dreamed of Old Purdue.

Again I was a freshman, green and scared
By awful tales which upper classmen told
About the hazing done; how victims fared;
And how a freshman always was too bold.
And once again my knees began to quake,
As tho I'd never learned 'twas but a fake.

I lived again the battles of the tank,
Where sophs and freshies fought from dark till
dawn,
And saw the luckless victims of the prank
Borne down the field to where dark gullies yawn,
There to be laid away with tenderest care,
Until their rescuing classmates found them there.

I dreamed I stood once more within the Dorm.,
Prepared for war, and armed up to the throat,
With pitchers filled, to meet the threatened storm
Of Snoddyville; we laughed aloud to note

The watery contents of the paper sacks
Land full upon the enemies' necks or
backs.

Again the scenes changed; into Chapel
shoved

We all sat side by side, devoutly meek,
And sang the songs that dear Old Prexie
loved,

And listened gladly when he rose to
speak.
Those were the times when, if a fellow
missed,
He quickly got upon the spotter's list.

And then I was upon old Stuart Field;
Old Gold and Black was floating every-
where;
Our football team was making Cham-
paign yield.

The stirring Purdue yell filled all the
air.

I raised my voice—when just then some-
thing broke;
My pipe had reached the floor and I
awoke.



NORDSTRUM: "A man! And such a man! Tall, graceful as a lily, and as slender."

A History Recitation.



THE Senior History Class, including many of the brightest lights of the class of '01, finds itself assembled in Dr. Moran's room. The doctor bows profoundly and politely as the class enters the room and as he walks majestically to the thermometer he inquires, anxiously, of the girls, if the room is warm enough.

Miss De Frees is called upon to give a report of an eight hundred page reference book, which she has been reading in connection with the text-book. This she does, in a manner perfectly satisfactory to herself as well as to Dr. Moran, for when she has finished he beams upon her with the utmost satisfaction and ejaculates with much emphasis this one word of approbation, "Exactly," which, being interpreted, means "good girl."

Mr. Bruner is then called upon to recite upon the character of George III. Rising upon his hind feet he says: "George III, he done his best to keep the colonies, but they was very angry and he soon seen that his cake was dough." Mr. Kirkpatrick added that "You might say that George III was to blame for the colonies rebelling," but just at this point in the recitation, Mr. Lannerd holds up his small right hand, and having been recognized by the chair, he proceeds to relieve his overtaxed mind and spouts at length upon the merits and demerits of George III, making frequent reference to the notes which he

has taken with his new fountain pen. Dr. Moran braces himself and listens respectfully, occasionally showing some little surprise at Mr. Lannerd's ability to misinterpret the printed page and also at his aptitude in using the wrong word in the right place. Lannerd, red in the face and short of breath, pounds himself into the narrow confines of the seat with a look on his face which seems to say, "Beat it who can," when Miss Hiller, very much excited, darts up, and having started several sentences, finally follows out one, vivifying her recitation with a peculiar gesture something like that of a drowning man who snatches at straws. By the assistance of this gesture she makes it perfectly plain to the teacher as well as to the members of the class that Mr. Lannerd, Tau Beta Pi though he is, is, nevertheless, like the Pope at Rome, not infallible. Dr. Moran then inquires of Mr. Lannerd what work he read upon the subject. Lannerd replies that the author's name was Smith. Dr. Moran explains to the class that Smith, at one time, occupied the chair of history at Johns Hopkins, that he had written, besides his "History of England," a very commendable history of "Helzepeck" in ten large volumes, etc., etc.

The class is requested to take note books and the doctor proceeds to give and expound a lecture upon the theory and practice of the English Constitution. He reads: "If the Queen

HARRY BROWN: "A pleasant lad, but a trifle nutty."

should, at any time, become a Roman Catholic, she would 'ipso facto,' by that very act, forfeit her right to the throne."

According to the score card kept by Miss Marks, this was the one hundredth time the meaning of the word "ipso facto" had been explained and the centennial caused a suppressed giggle among the girls.

Dr. Moran exhibits some pictures of interior of the House of Lords, and points out and explains the origin of the Wool Sack. He also shows a picture of Westminster Abbey, as well as one of the Seven Refractory Bishops. Then, after inquiring into the assignments for reading of the members of the class, the recitation is closed with an exhortation to the class to find time "to go into the library," and "to push on" with the reading assigned. Another profound bow from the doctor and the class departs.

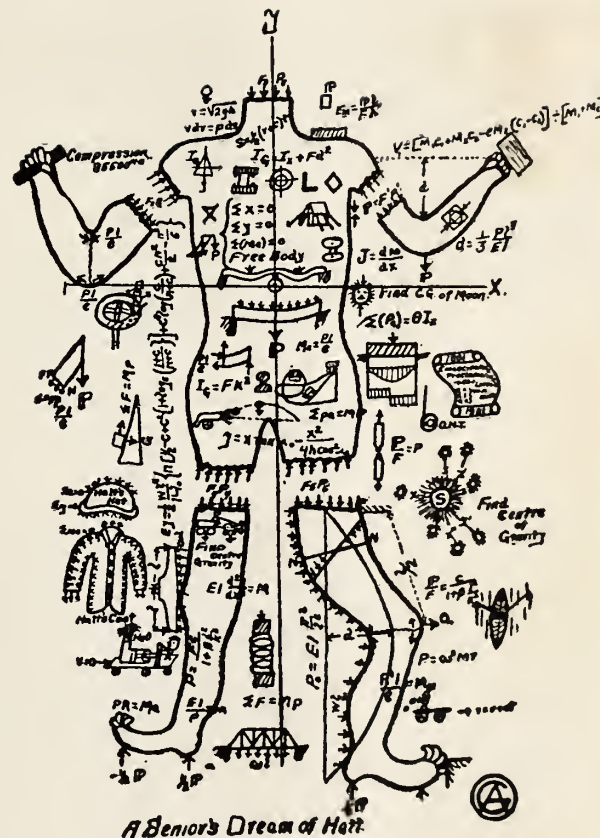
FRESHMAN (to another): "Say, are you working for Mike?"

PROFESSOR GOLDEN (from behind the door:) "Yis; he's workin' for me."

PROF. COULTER: "Miss Marks, will you tell us what you know about fat cells?"

Prof. Miller's Characteristic Expression in Steam Engine: "D'ye get the scheme?"

GREENICK: "My! O! My! 30,000 horse power for that injector for an hour!"



SIMONS: "A man of striking personality."

Jonas, Etc.

IN the grand old dormitory,
In the part that faces southward,
Where the Sophomores and Freshmen,
And, alas, the Juniors also,
Learn to bluff through mathematics,
Sat a class of noisy students,
Bothering their German teacher,
Much beloved by teacher Mary.
In that class was one named William,
Who though he knew not his lesson,
And had flunked since the beginning,
Would not stop nor pay attention
To the precious words of wisdom
From the lips of Mr. Jonas,
Mr. Jonas of the long name.
Vainly had the kind instructor
Tried to show the wilful William
That his conduct was not seemly,
Was not nice and gentlemanly.
Mr. Goeddel had not noticed
That the wrath of Mr. Jonas
Fast was rising like a tempest,
Like a tempest o'er the ocean,
Where it rises in a twinkling,

Spreading death and desolation ;
And he made a careless answer.
Then, without a word of warning,
Sprang the much enraged Jonas
Full upon the hapless William,
Grasped the seat of William's trousers,
Also grasped him by the collar,
Lifted him from his position,
And with all the strength of anger
Long restrained, but now unfettered,
Hurled him far across the benches.

Thus the gentle Mr. Jonas,
Mr. Jonas of the long name,
Mr. Jonas, loved of Mary,
Taught the thoughtless William Goeddel,
Not to answer without thinking.



KALINOWSKI: "Too bad he's married! How the girls must feel!"

Watch Out!!



R ERWIN SIDNEY FERRY came to our school one day,
Thinking for at least a year 'at he would surely stay.
He didn't know how easy the firin' act was done;
So when the Sophomores found out that Physics wasn't fun,
And they was flunkin' right an' left, an' all because PV.
Was made by some long process to equal RMT.
They said to Mr. Ferry, an' that beyond a doubt,
'At, "You'll get fired from this 'ere school,
Ef

You Don't Watch Out!"

For they got up a meetin', an' all the Sophs was there,
An' there was lots o' speeches, with eloquence to spare,
They talked the whole thing over, outside in, and round about,
And there was lots o' clappin' when they had thought it out.
It ended by them writin' a little "Billy Doo,"
A tellin' of the faculty what they had ought to do;
An' if they didn't do it, why, the Sophs they said right out,
'At "We'll stay out o' classes,

Ef You Don't Watch Out!"

My! when they got that "Billy," the faculty was hot.
They said the Sophs was crazy an' a lot of other rot;
And they didn't take it kindly, and for the Sophs they sent
To come up to the chapel, so everybody went.
The faculty made speeches about a bein' fair
An' how good little boys and girls should always figger square,
An' if they didn't act real good, their daddies would get word,
But the Sophs, they didn't care a cent, an' tho't it was absurd
At first, but they got weak-kneed when Doc said without a doubt,
'At the Sophs are goin' to be sent home,

Ef They Don't Watch Out!

And so the Sophs are flunkin' still, 'ats all as they can do
When ponies ain't obligin'; but when this year is thro'
Their troubles 'll have vanished, an' old flunk tests no more
Will be a starin' at 'em all, to keep their feelin's sore
An' even if Old Ferry is still a' teachin here,
They won't be in his classes; an' there's nothin' left to fear
When Physics isn't troublin', and Ferry ain't about,
So nobody'll get fired at all,

Ef We Just Watch Out!

MANNING: "Gimme three cards—and make 'em Jacks."

Queries and Answers.

DEAR MR. EDITOR:

I am a Senior, and want to ask your advice. I am designing a steam engine and have found the size of my cylinder and now want to know how to find the size of my piston. I tried to find it from Mr. Kent's book, but that gives me too large a piston. Can you give me a formula that will work the problem?

ARTHUR W. HOWARD.

N. B. My name is Arthur, but the boys call me "Denny," and I don't like it. Is there any way that I can stop them?

A. W. H.

In reply to your query, will say that, although we do not know Mr. Kent personally, yet we would not like to gainsay him in any way. If the piston is too big you had better use it any way or else write to him, and see if he has his formula wrong. As to the boys calling you "Denny," it is probably a form of endearment and you should not take it seriously.—ED.

DEAR MR. EDITOR:

I have been here for four years and would like to know how to be sporty now that I am about to enter upon my life's work.

OSCAR COLEMAN KLIPSCH.

It is with great concern that we read your request, but if you must be "sporty," as you term it, why, learn to smoke cigarettes.—ED.

DEAR MR. EDITOR:

Will you kindly tell me how old Miss Doan is? I guess I might as well tell you why I want to know. She is so nice and looks so young that most of the fellows in the class feel that they can't help falling in love with her. The thought has come to me that she must be real old to be such a good teacher, so I thought I would ask you about it before I let myself go too far.

A. FRESHMAN.

MR. FRESHMAN:

You did well to confide in me before it became too late. The sands of time are strewn with the wrecks of Freshman hearts, ruthlessly cast aside by Miss Doan, to drift aimlessly toward their dooms. Take a friend's advice and steel your heart against that bewitching smile of hers.

We cannot tell how old Miss Doan is.—ED.

MY DEAR MR. EDITOR:

I am Louie Mayer of Indianapolis. I write you for information, not because I need it particularly, but from exuberance, so to speak. The catalogue rates me as a Senior, as you probably know. But I am digressing. What I particularly wish to know is in regard to the professional work which I will take up on leaving Purdue.

I have forty-two jobs offered me, and they are all good ones, the salaries ranging from fourteen thousand to fifty-four thou-

KIRKPATRICK: "Such perfect taste in buying gifts."

sand dollars a year. I am young, but am denied the privilege of starting in at the bottom of the ladder, as all other prominent men have done. Now, what would you advise me to do about it?

Hoping that you can throw some light on my difficult problem, I remain, yours very truly,

L. G. C. MAYER.

MY DEAR MR. MAYER:

I have studied the situation very carefully, and think I realize what your condition is. I advise you to take Cascarets.
—ED.

DEAR MR. EDITOR-IN-CHIEF:

Can a young man afford to leave half his questions unanswered in a chemistry test in order to walk home with just one girl. Sincerely yours,

DAVIDSON.

MY DEAR DAVIDSON:

By all means; embrace every opportunity to walk home with the young lady of your choice. There will be other chemistry tests—flunk tests, for instance,—but there is just one girl.
—ED.

MR. EDITOR:

Ahem!

I drop you this line to suggest to you that it might be well to mention in the Debris the manner in which God and I are conducting chapel exercises and the affairs of the Y. M. C. A.

When I took hold of these matters they were sadly in need of a master mind, but now I feel safe in saying that, with a little care on God's part, the chapel exercises will be better attended, and more interest will be shown in Y. M. C. A. work henceforth. Very sincerely,

MR. C. H. ROBERTSON.

We note what you say, and appreciate, so far as we can, how thankful God must be to you for your timely assistance.
—ED.

To Florence Hiller:

Could I only read thy heart,
Florence mine.
Could I know some little part,
One divine,
In that heart so white, so fair,
Held for me one tender care,
All for me one thought did bear
'Twould be wine!
'Twould be wine to me, I say,
Florence dear,
Cares would like a mist in May,
Disappear.
But, alas, this ne'er can be!
You won't even speak to me!
Well—
Wine ain't all. I'd rather be
Drunk on beer.

LEHR: "A born student, and a bright one."

Among the Books.

"Athletic Associations and How to Run Them." C. S. McGovney.

"Paints—Their Medicinal Properties." Arthur Greenick.

"My Influence Upon Purdue University." Hugo Lund.

"The Art of Being Beautiful." Joe Andrews.

"Innocence Abroad." Walter Fassnacht.

"Sixteen Reasons Why I Consider Myself a Promising Young Man." Harry Skinner.

"Haunting Eyes." Omar Berry.

"Theory Versus Practice." Percival Fansler.

"Girls, and How to Shake 'Em." Leslie Westfall.

"Goo-goo Eyes, and Their Uses." Florence Gates.

"The Art of Being Brilliant." Mindwell Josephine Crampton.

"Love Letters of Senator Lund." Ethel Montgomery.

"The Norman Conquest." Elizabeth Hawkins.

"The Treachery of Women." Perry Dirham.

"Pets, and How to Care for Them." Edith Green.

"Little Kittens." Minnette Rosenthal.

Poem—"Sweet and Low." Tubby Eckhaus.

"The Bible as Expounded by ME." Carlos Perhaps Dinsmore.

"How to Sing Effectively." Hugh Hatch.

"The Art of Eloquence." Sophomore Marquis.

"The French Language as a Medium for Conveying Messages of Love." Bernice Hazel Baker.

"The Influence of Sidelong Glances in Winning the Sterner Sex." Carrie Richardson.

"The Sweetheart I Meet on the 6:30 Car." Van Norman.

"The Catacombs of the Ladies' Hall." Marine.

"A Plea for Coeducation in Mission Study." Frances De Frees and Mr. Huxtable.

"How I Stopped the Chapel Scrap." Goldie.

"Epigrams and How to Make Them." Dr. Coulter.

"Some Effective Christmas Presents." Lydia C. Marks.

"The Strenuous Life." Holman.

"Snipe Hunting." "Snipes" Longacre.

DR. EVANS (discussing sugars in chemistry class): "Miss Haywood, what do you know about sweetness?"

C. R. Dooley asks Prof. Moran about the baby:

"How is little Tommy to-day, professor?"

PROF.: "I am very well, thank you."

WESTFALL (working with a brain popularly supposed to have once belonged to a Purdue student): "Whew! this alumni smell is something terrific!"

EDMUNDSON, '04 (at beginning of school): "I'm going to get a new sweater, and I don't know whether to get an old gold sweater with a black P on it, or a black sweater with an old gold P on it."

LUND: —————

Nursery Rhymes.



ING a song of Freshmen,
Pocket full of rye,
Four and twenty Freshmen
Baked in a pie.
When the pie was opened,
Riebel yelled with pain,
"You talk of ruined houses,
Think of my ruined name!"
Leslie as the President,
Tryin' to soothe the child;
But not until Miss Cason came,
Did he grow calm and mild.
Beiger in the chapel
Smiling fit to beat;
Up came a Sophomore,
And picked him off his seat.

Sing a song of Sophomores,
Pocket full of rye;
Four and twenty Sophomores
Baked in a pie.
When the pie was opened,
They all began to groan:
"Terry, Terry, yum—yum—yum—
Deliver us Doc. Stone."

Ruby in the office,
Tellin' of his woe;
Mina in the reception room,
Waitin' for her beau.
Miller out on Stuart Field,
Playin' mighty hard—
Up came a black bird
And nipped off his guard.

Sing a song of Juniors,
Pocket full of rye;
Four and twenty Juniors
Baked in a pie.
When the pie was opened
Kitty began to sing:
Wasn't that a jolly dish
To set before a king?
Davy in the Library,
Watchin' Florence Gates;
Dirham in the carving room,
Carving out his fates.
Mary Thompson ridin'
Out with Johnny Scott,
Along came Billy Test
And scared her stiff, I wot.

MAHIN: "Knowledge comes by digging—so do graves."

Sing a song of Seniors,
 Pocket full of rye;
 Four and twenty Seniors,
 Baked in a pie.
 When the pie was opened,
 Robbie began to kick:
 Wasn't that the kind of dish
 That made old Earlham sick?
 Atkins up in chapel,
 Tryin' to give a talk;
 Bessie Meigs and Lannerd
 Partakin' of a walk.
 Hull at the minstrel show,
 Actin' mighty funny;
 Along came a colored troop,
 And offered him big money.

Sing a song of Faculty,
 Pocket full of rye;
 Four and twenty Faculty folk
 Baked in a pie.
 When the pie was opened,
 Moran began to spout;
 That made Dr. Coulter mad,
 And he began to pout.
 Doc. Stone in the office,

A smile upon his face; (nit)
 Miss Irwin flyin' round the room
 At that two-forty pace. (yit)
 Ellsworth in the office,
 Counting out his money;
 In walked Jonas,
 And Ellsworth called him "Sonny."

Sing a song of the Chapel Scrap,
 Pocket full of rye;
 A lot of Freshmen and Sophomores,
 Baked in a pie.
 When the pie was opened,
 Crane began to fight;
 Then all hands and the cook
 jumped in.
 And 'twas a sorry sight,
 Doc. Stone on the benches
 A yellin', "Hold your peace."
 "Goldie" in the mix up,
 Tryin' to play police;
 Coulter and Moran
 Tryin' to earn their salaries.
 'Twas a hot time at Purdue the day
 The Freshmen left the gallery.



PHIL. HORNBOOK: "Alas! poor Humbug's dead."

FRESHMAN (looking over test paper): "How do they grade here, anyway?"

SENIOR: "A is good, B medium, C flunk, and so on down."

FRESHMAN: "Gee whizz! I must have been pretty poor, I got down to O. K."

MISS MEIGS: "Is acetic acid the same as the bicarbonate of soda?"

MADAM DAVIES: "Victor Hugo posed all his life. He posed on his *swindling* clothes."

CHILD: "How cross that man looks. He seems to be thinking."

MAMMA: "He is not cross, neither is he thinking. That is Mr. McGovney."

STURMER: "We will now have a few problems in alligation. Mr. Phillips, you may be the alligator."

Riley breaks the large condenser.

STURMER: "That is practical experience."

STURMER: "It would be laughable, if it were not so awfully sad."

The Junior Pharmics have trouble in distinguishing between Prof. Sturmer and Savage.

PROF. GREEN: "Rice, I've had to call you down twice now, so you may go, and don't come back until next Wednesday."

(From the Debris Box.)

Say, Mr. Editor

Why don't you have an 'Equestrean Club' in your Debris, and include in it all the scientific horsemen in school?

This is nearly a suggestion.

A. NONYMOUS FRIEND.

Poor Percy Fansler!

He didn't mean offense!

He knew not Genie's handkerchief

Cost a dollar ninety cents!

'Tis not the blushing cranb'ries nor the turkey roasting brown,
With sweet potatoes heaped about and gravy dripping down.
But 'tis the thought that all we do is smoke and lie around
That makes me long for Christmas like a hound—

A hungry hound.

MISS LINDLEY: "Is it, that people who are so easily shocked, have their muscles diseased?"

DR. COULTER: "Miss Lindley, you mean electrically shocked, do you not?"

Judging from the load of books Le Fever carries around, he must be pretty keen.

PRENTICE: "Not a bartender—but full good enough."

From the Apocalypse.



ND it came to pass that a certain body of people were working in a laboratory, where a good and mighty man named Vanderkleed, from the land of Wea, where corn groweth and pumpkins wax large and luscious, sought to instruct them in toxicology.

2. And things went well while he was near them, for they did work.

3. And it came to pass that this great and mighty man had to leave them for a while, to see a body of people called Nesters, in a land known as Balanceroom.

4. So he ordered his automobile and rode away.

5. And while he was gone, the brave and fearless Dorland, from the land of Suckerdom, and the invincible Stuckmeyer, from the land of Page's Run, conceived a great desire to yell.

6. So they conversed with the people and talked about it in soft tones.

7. And the people agreed that it should come to pass.

8. So the brave and fearless Dorland smote his desk with his fist, and proclaimed aloud, so that Phillips, the fire-man of the E. & T. H., might hear and understand.

9. Then Bixler, the Poseycountyite, repeated the words: "Yell, ye Pharmics, yell!"

10. Then did the Pharmics yell.

11. Which moved the immortal Sturmer, who is sensitive of ear.

12. Sturmer wept.

13. The wave of enthusiasm fell also upon his people, the Juniors, who were likewise moved.

14. Then did Sturmer rise up in his wrath.

15. And he vowed a vow that the Seniors should be punished.

16. And he straightway started to find the mighty Vanderkleed, that he might make known to him how the Seniors had sinned.

17. As he was departing on this errand, certain of the Juniors were filled with the desire to make known their presence by loud voices.

18. But Sturmer, conceiving what was in their hearts, turned and said to his people, "I dare one of ye to repeat the sins of the Senior people; for, behold, I am It!"

19. So he went his way, and found the great Vanderkleed busy among his people, the Seniors.

20. And Vanderkleed, straightway perceiving that all was not well, said: "Wherefore are ye troubled, O Sturmer?"

21. And Sturmer answered, saying, "Your people have given vent to great noises, which disturb me exceedingly."

WESTFALL: "A man of perfect fashion."

22. And while he yet spake, there arose from the laboratory of the Juniors a shout which reached even unto the ears of Sturmer.

23. Then Sturmer returned unto his own people and said: "Verily, verily, I say unto you, that ye are excused for the rest of this day."

24. So the Juniors put on their robes and straightway departed.

25. Then the mighty Vanderkleed turned to his people and said, "Seeing that ye hate instruction, and cast my words behind ye, ye also are excused."

26. And some tarried awhile, but it availed not, for the great Vanderkleed was not "kidding."

—
"Would you know why Tubby Eckhaus
Must from Heaven forever turn?
Then to Matthew, 7-14,
Look, and you will doubtless learn."

—
Wonder if Haymond really does live in Huntington?

—
"When Grimm shall reach a warmer clime,
He says he'll have an awful time."
We hope, for the good of Mr. Grimm,
They'll make it cool enough for him.

—
Had ever class such Jags as ours?

A. A. Greenick, imitation tough.

—
If you want a pipe-dream on short notice, call up Fansler.
He always has them on tap.

—
We would have printed one of Hull's stories, only we didn't have room.

—
PROF. MORAN: "Miss Lindley, have you finished your reading of Cromwell?"

MISS LINDLEY: "Yes, mom."

—
JASCHKA: "Say, Mr. Elam, be sure to fix my moustache up so that it will look like a good one; and say, take this side of my face, because there is an empty place on the other side."

—
A JOKE: Since the Senior Pharmics are "naughty ones," their "Gates" cannot be the Gates ajar.

—
PROF. COULTER: "Some people mistake religion for indigestion."

—
HARRIS, '04 (in Bible class): "And the next thing he did was the healing of the 'parabolic,' borne by four men."

—
PROF. GOLDEN (to P. A. Hoffman): "Do you know the meaning of the word, work, as applied thus: You are now trying to work me."

SANDY WILSON: "An honest mon—and stubborn, too;
You bet he's Scotch clear through and through."

An Early June Conversation.

They were sitting on the grass in the shadow of the "tank" recalling the many incidents which formed the links to a chain of four happy years at Purdue.

"Do you remember, Bess, the first time I met you?"

"Quite well; for you immediately prostrated yourself at my feet."

"And have been there ever since. That banana skin I have on the wall of my room; you know it began a new epoch in my life!"

"Oh, yes; the fall of T. Roy!"

Even low wit is sometimes useful, if only to turn the conversation from a dangerous topic, so Bess is excusable.

"I've been building air-castles, Bess," announced the young man some time later, "and I have a dandy future all laid out for myself."

"Oh, please lead me through the hazy halls and let me get a glimpse of the grandeur!" cried Bess, always enthusiastic over a product of the imagination.

"Well, I'm going East, in spite of the emphatic injunction to young men to 'go West,' and I'm going to just dig—that is, all week, and on Sunday I'll hold a review of soles."

"And revel in bachelor's weeds!" interrupted Bess.

"But be serious, now, Bess, and I'll tell you what I shall see in that smoke as it circles round my head."

"Go on, but be quick, for I'm dying to say something."

"Well, methinks I'll see my boarding-house room gradually disappear and in its place a cosy little library of my own, with the wind sighing outside and the fire dancing in the grate, and a sweet little girl buried in a large chair before it. She looks up, smiles, and I start towards her. Just as I lean over the chair the smoke clears and I see only my cheerless bachelor quarters. Don't you think my day dream should be realized? What do you say, Bess?"

"Y—e—s—s—"

After several moments, in which actions speak louder than words, Bess exclaims in a smothered voice,

"There, I've forgotten what I was going to say."

MISS MEIGS: "Oh, Mr. Wilson, I am just in luck this afternoon!"

"How's that?"

"Why, we went up to French just after noon, and waited about ten minutes, but Madame didn't show up, so we came away. When we got out on the front steps, what did we see but her old black bonnet coming along the side of the hedge just as fast as it could come? I ran clean to the science building to get out of sight."

"You aren't going back now, are you? I see you are headed that way."

"Going back! What do you take me for? Not muchee."

OSBORN: "And he is from Economy?"

To Georgia Lindley:

Georgia, sweetest girl of all—all at old Purdue—
Thine the keenest, kindest wit; the heart to friendship
true.

I love to think of by-gone times—of by-gone times and you,
Ay! To this day, upon my heart, thy image sweet is graved,
The image of the one I loved—for whom I would have
slaved,

Perhaps had I not frightened been by the way our Green-
ick raved.

To Lydia Marks:

Darling Lydia list to me!

Wilt thou my *little* sweetheart be?

Let me tell a tale to thee,

A gentle tale of love.

Let me tell thee how my heart

Beats for thee where'er thou art;

Throbs for thee in every part;

Beats with throbs of love.

How I long, when thou art nigh,

To call a glance from thy sweet eye—

A glance half smile and half of sigh—

A tender glance of love.

Tell me, sweet one, if you may,

Do thoughts of me e'er with thee stay?

And these thoughts of me—now say

Are they thoughts of love?

PROF. SMART: "Suppose that you have any source of
heat on the fire-pot of your furnace; how is your room heated?"

ATKINS: "I guess it is a case of Hot Air?"

Wouldn't It Jar You to See—

Turner getting married?

Prof. Ferry doing jaintor work?

Pat Tracy teaching physics?

Waldo doing the skirt dance?

Mary Doan spooning J. E. B. Jonas, Ph. D.?

Prof. Alford with his dander up?

Prof. Fluegel impersonating Kaiser Wilhelm?

Hatt making goo-goo eyes?

"Mike" singing a solo?

Bobbie Miller attending chapel?

Dick Smart drunk?

The faculty in swimming?

Katy making a speech?

Sturmer with his mustache shaved off?

Mother McRae taking in washing?

Burrage walking the floor with the baby?

To Elizabeth Meigs:

Sweetest maid of my acquaint,

Listen to my humble plaint!

Let me tell thee—tell thee, dear,

How a thought of thee will cheer

Me when I'm sad;

Drive away each glistening tear

And make me glad;

How I long to hold thy hand

And on thy finger place a band—

A little golden band.

All this would I fondly do;

All this would I say to you,

But I—lack sand.



ANTON ANDERSON: "Yes, I am small, but so Napoleon was."

When Fortune, heavenly dame, was young,
With arms about me thrown, she clung
Unto me. This I think was wrong,
For she was then Mis(s) Fortune.

MR. — (’02): “May I be excused from your lecture, professor, to get a patch on my shoe? It was cut while skating last week, and I have no others except a pair of patent leathers that I don’t like to wear, so I’ll have to wait till its mended?”

SKINNER (addressing a Purdue girl): “The concert tomorrow night is going to be fine. You can’t afford to miss it. I’ve bought me a ticket, and you ought to get one by all means.”

Messrs. Young and Dietz and Miss Alford have demonstrated that three are not a crowd. For they have attended the entire Y. M. C. A. Lecture Course together with apparent satisfaction to all concerned.

MISS ALFORD (pensively, naming her buttons): “Dietz, Young, Adams; Dietz, Young, Adams,” etc., etc. For the sake of those who are curiously inclined, we announce that the number of buttons on the jacket was an exact multiple of three.

Get out! Dietz and Young. Better use your Y. M. C. A. tickets where they’ll do some good.

Kittredge insists that it always pays to ring the bell or knock before walking into a house—experience, you know, is a great teacher.

GOLDIE: “The direction of the current is getting less.”

TARKINGTON: “I never have got it through my head, just what entrophy is.”

PROF. ROBERTSON: “I don’t believe you ever will, Mr. Tarkington.”

MISS MARSHALL (in Literary Society): “He was a great shooter. Anything he hit he seldom failed to miss.”

GOLDIE: “2,300 feet! Let me see? That is about four miles.”

Hard on Joey.

SPITZER: “Any farmer can dump stuff into a wheelbarrow and carry it away. If you can’t fill prescriptions right, you might as well quit school.”

C. H. ROBERTSON (at end of recitation): “The next lesson will be——”

SWITZER (interrupting him): “Where was the last lesson?”

Fry walks so straight that he leans over backwards.

HOLT: “A Jersey mosquito.”

The Tower Bells.

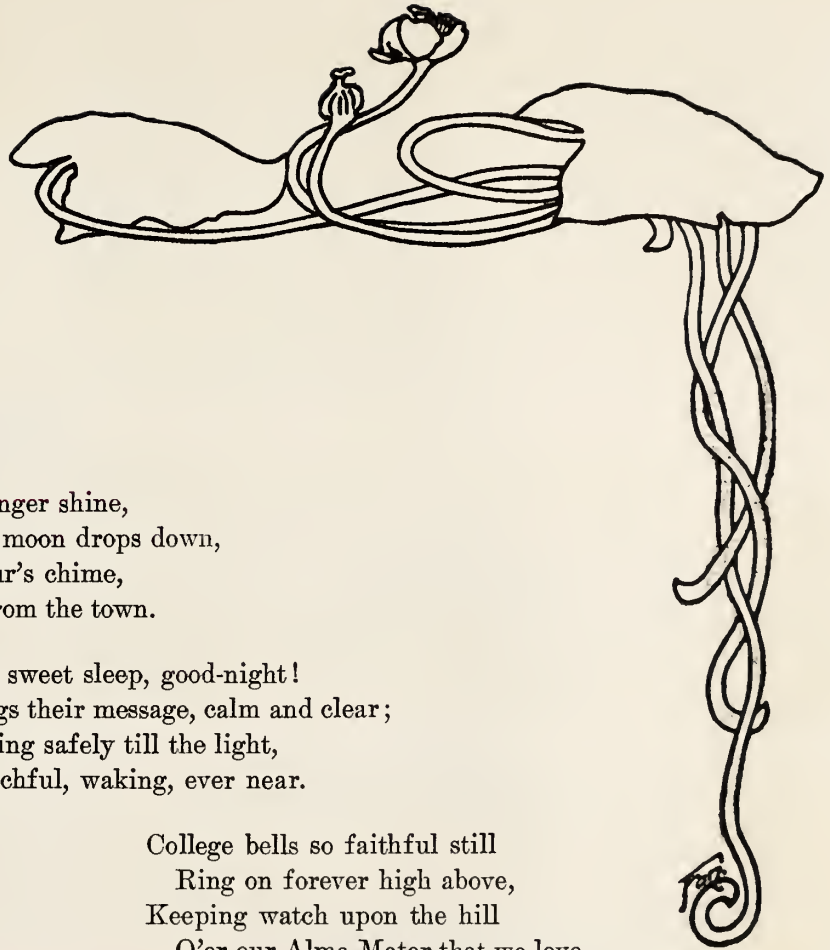
IN the moonlight, mellow, soft
O'er the campus, hushed and still,
Peal the tower chimes aloft.
All is well upon the hill.

Far across the Wabash River
Comes the answering boom of bell
In the city tower ever
Keeping watch that all is well.

Twinkling lights no longer shine,
Darkness, when the moon drops down,
Still the bells, the hour's chime,
From the hill and from the town.

Peace, sweet sleep, good-night!
Rings their message, calm and clear;
Guarding safely till the light,
Watchful, waking, ever near.

College bells so faithful still
Ring on forever high above,
Keeping watch upon the hill
O'er our Alma Mater that we love.



ANDREWS: "A pretty lad, and much beloved."

Joins and Their Strengths.

The western union joint is probably the most efficient joint, being about 95 per cent the strength of the wire. For electric lines, this joint is preferable than all others. Joint in general vary from 60 to 90 per cent. of the strength of the wire. All joints, especially large joints should be carefully soldered. However the solder and copper causes a chemical action. The using of soldering acid possible makes the joint more solid for the time being, but in time lessens the strength of the joint.

W. O. HAYMOND, '01.

Curious!

Two years ago Greenick roasted the Y. M. C. A. "suckers," despised the Tau Beta Pi "stiffs," and hadn't any possible "time" for the girls at Ladies' Hall. Now, although he still cusses and walks "tough," he runs with the Y. M. C. A. "suckers," worships the Tau Beta Pi "stiffs," and calls at the Hall. In the face of this, who can yet say, "Constancy thou art a jewel?"

Feb. 19, 1901—Temperature, 5 degrees Fahr.

7:30 P. M.—E. C. Robertson starts out to call.

7:53—Reaches Highland Park.

8:45—Finds the house.

He was within four blocks of it for nearly an hour.

DAVIDSON: "Do you know Dolly Dimples?"

McINTOSH: "What position do you play, Smith?"

VIVO: "Right tackle."

McINTOSH: "That so? Why, we'll have to buck each other for the place then, won't we?"

Who makes the Freshmen stand around in the foundry?

"I," said Quinn;

"I won't even let 'em grin,—

I make the Freshmen stand around in the foundry."

My name is Freddie Riebel, and I want to tell you now,
If you think I can't play football, there's goin' to be a row.
I tore 'em up at Illinois, as every one could see;
But the Captain didn't like me, so I didn't get my P.

To Ethel Montgomery:

Could I live ever by thy side, sweet Ethel, I believe
My heart could never sorrow know—that I could never
grieve;
My life would be one summer day, full four and twenty
long,
My cares would vanish like the mist before thy happy song.
But much I fear—indeed I fear that this can never be;
That I can never be alone—alone with God and thee,
For like a guardian angel, or a devil in his glee,
That watchful, loving Senator is ever near to thee!

ENDSLEY: "Hot-tempered, over-bearing, yet withal quite popular."

Coddington goes round from morning till night singing:

"Oh, to Grace how great a debtor,
Daily I'm constrained to be;
Let thy goodness like a fetter,
Bind my wandering heart to thee."

DR. COULTER: "Some people mistake indigestion for religion."

Oh, the legs o' Bronson!

"Just notice how Charles Barrett has grown! From a little runt to a great, big strong man!" (Extract from "Heart to heart talks of Purdue girls.")

Lou Endsley's characteristic exclamation: "I'll bet you a dollar."

DR. COULTER: "I believe so much in the gospel of peace, that I am willing to fight for it!"

They say Ford has tried, but all in vain. He cannot boast a sweetheart.

STUDENT: "Professor, how do you spell 'erysipelas?'"

PROF. BURRAGE (very deliberately): "E-r-i-s-e-p-a-l-u-s."

PROF. BURRAGE (rushing into the laboratory one hour and twenty minutes late): "I'd have been over sooner, but I had to stay home and mind the house this afternoon."

Great disturbance in the Dormitory! A Freshman kicking posts out of the banisters, just to see 'em drop down the stairs. Prof. Alford rushes wildly upon the scene. "Stop that noise, immediately! Who is the cause of all this disturbance?" "I, sir." "Report to Dr. Stone at once! No explanations are necessary. Save them for Dr. Stone." Dr. Stone is greatly surprised to receive, within the next few minutes, an official call from his brother.

ERMAN N. SHANK (supervisor of gravel roads of Steuben County, Pleasant Township, Angola, Indiana): By gosh!

PROF. HOAK: "Some people are cute, and some think they are cute."



SHOEMAKER: "I'll take no cocktail, thanks; I'm a vegetarian."

Testimonials.

This is to certify that I have used Rose-Plex Toilet Cream for three (3) years, and find it satisfactory in every particular.

Very respectfully, _____
JOE ANDREWS.

TO WHOM IT MAY CONCERN:

This is to certify that I find the Rising Sun Stove Polish perfectly satisfactory as a shoe polish. It not only preserves the leather, but keeps the heels from running over.

Yours truly,

WILLARD LANNERD.

This is to certify that I find Ivory Soap the only satisfactory soap to use in washing white wool sweaters.

Sincerely yours,

FLORENCE GATES.

I find Jameson's restaurant a first-class place to take a hungry lady. Meals are of a high order and are served promptly at all hours.

Sincerely,

EWING.

DR. COULTER: "When you have finished your evening studying and find that your feet are cold, it is an evidence that you have been using your gray matter."

MISS LINDLEY: "Would it not help, if they would cool their feet before commencing to study?"

"No, Wm. Prentice isn't a bartender, but he'd doubtless make a keen one."

Yes, Dr. Moran was once known to tell an original story, but it was so long ago, that we are unable to state the exact date.

O. W. BUNTING.

Dear Sir: To cause hair to grow on bald heads, we would advise the vigorous application of a large piece of sand-paper to the affected spot, followed by constant irrigation with Hall's Hair Renewer. Carry these directions out carefully, and you will be astonished at the result.

WOOD, '02 (in Bobby Miller's class): "It's getting awful hot in here!"

BOBBY: "Well, you'll just have to roast on my account."

DR. EVANS (in Senior Chemistry class): "Do not add ferric chloride to a dry solution."

WESTFALL (examining picture of a new-born infant): "Hasn't it got an awful lot of hair?"

DR. COULTER: "Oh, no! that's nothing unusual. I've often seen them with hair reaching to their shoulders."

GREEN: "That's nothing. I heard about one once that was born with a full beard!" (Dr. Coulter faints.)

Ingram is such a pretty man!

MAE BROWN: "A merry girl, who likes to jolly."

Some one has said that James Elbert Slimp is like unto a circus band-wagon, because his exterior is brilliant, his music poor, and his chief output wind.

SWITZER (holding on to the fence): "Hic—I'm a church member, but I'm—hic—not in very good standing."

Dedicated to the Fellow Who Files the Most Excuses.

Breathes there a man with soul so dead,
Who ne'er unto himself hath said—
"This is the day that I'll skip class."

* * * *

If such there be, go mark him well,
For him no minstrel raptures swell—
High though his titles, proud his name,
Boundless his wealth as wish could claim,
Despite those titles, powers and pelf,
The dig who never rests himself,
Living shall live without renown
And doubly dying shall go down
To the vile dust from which he's sprung,
Unwept, unhonored and feeling bum.

SCENE: Hinea and Elam's Studio.

Usual furniture.

Enter Captain Eddie Robertson.

ROBBIE: "Got any of my pictures done yet?"

HINEA'S MAN: "What's the *name*, please?"

What's the keenest class in school?

"We," say the Sophomores,

"The Faculty us adores.

We're the keenest class in school."

And who's President of the Sophomores?

"I," said Ruby, "I tell you, I'm no booby,
I'm President of the Sophomores."

To Maye Brown:

She's ma Maye!
Her heart is gay!
Her eye is bright
As, in the night,
Is any star's soft ray!
I love that gal!
I allus shall!
For she's ma Maye!



The Evolution of Eckhaus.

FRAZIER: "A farmer—but a dandy farmer."

Have you noticed the sweet smile of satisfaction on Earle Le Fever's face when he makes a star (?) play?

SCHOENHOLTZ: "I can't say, Jones."

The following is a table compiled from the actual dictation of the vociferous Mr. Sturmer, Feb. 15th, 1901, showing the rapid fluency with which the above-named gentleman is given to "shooting" it into his classes. After the 20th minute, the class was in a state of profound slumber:

1st minute	20 words
2nd minute	9 words
3rd minute	Repose
4th minute	7 words
5th minute	11 words
6th minute	8 words
7th minute	More repose
8th minute	9 words
9th minute	10 words
10th minute	4 words
11th, 12th, 13th and 14th minutes.....	
.....Side talk on evil effects of intoxicating beverages	
15th minute	Funny joke
16th minute	15 words
17th minute	Explains a point
18th minute	Rotten joke
19th minute.....	Laughs at the joke
20th minute	Repose

PROF. McRAE (to Freshman in English class): "Mr. —, what is meant by the word 'mass' in the title, 'Mass of the Midnight Year'?"

FRESHMAN (suddenly awaking from a profound reverie): "Er-er—I think it is a collection of molecules."

When the gas inspector knocked at the door, Harry Hays broke the world's record for replacing mixers. It took him just nine seconds. Beat that if you can!

CONUNDRUM: What would happen if Will Atkins should fall into the Wabash River with his violin?

ANSWER: Rose Cavins would accompany him on the piano.

SLIMP (to McCoy): "What's the matter with you? You look so pale?"

McCoy: "I'm seasick from looking at Marine's wavy hair."

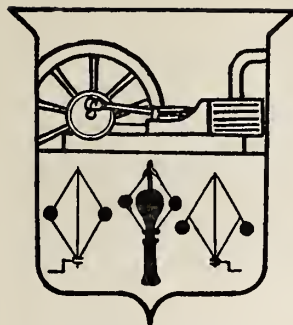
MISS MARKS:—"Billy 'Kirk' is a mighty nice fellow, but I asked him once too often for a Christmas present."

DIETZ, '03: "Gentlemen, I take back the lie."

BURRAGE: "What is immunity?"

GREEN: "Immunity is that point in a disease where a patient either dies or gets well."

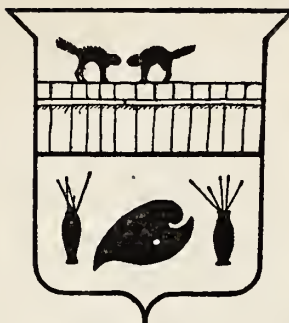
WATJEN: "A drum, a pipe, a stein of beer,
All happiness is centered here."



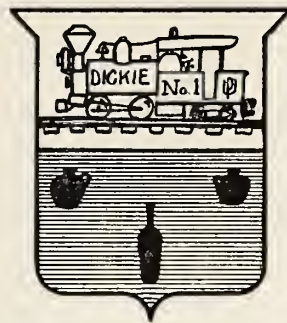
"BOB" MILLER



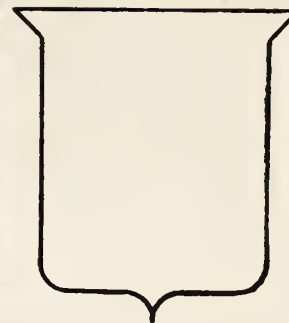
"AMATURE" WALDO



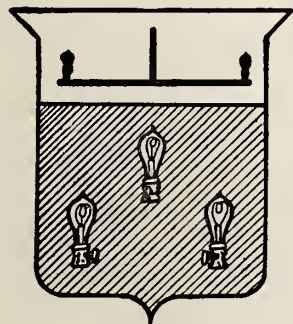
MISS FRY



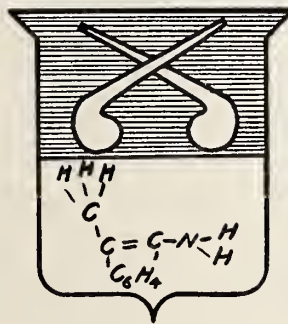
DICK SMART



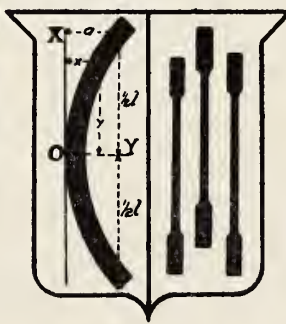
PROFFERRY



"HEFNER" MATTHEWS



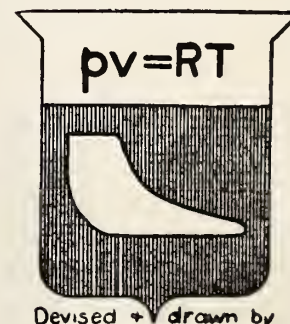
"PAP" GREEN



"PROF" HATT



"MIKE" GOLDEN



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Robbie

"ROBBIE"

McGOVENY: "Life is real; life is earnest."



April 12.

Calendar.

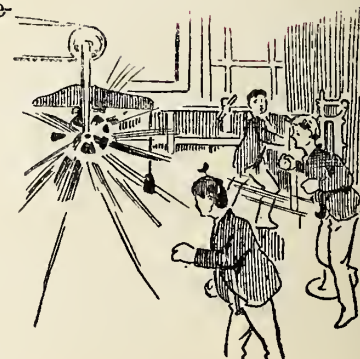
- April 1. '01 takes the calendar.
- April 7. Baseball team goes to Brookston. Brookston 0, Purdue 18.
- April 12. Miss Montgomery receives a box of flowers.
- April 14. Baseball. Illinois 5. Purdue 4.
Phi Delta Theta's give a dance at their hall.
- April 15. Hull gets well.
- April 16. Carlyle Annual.
- April 18. Irving Annual. "Texas" Stevens makes love during the performance.
- April 19. Emersonian Annual.
- April 20. Philalethean Annual. Car wheel bursts on brake-shoe testing apparatus. Newsome hurt.
- April 21. De Pauw 8, Purdue 7.
- April 21. Sigma Chi's give a dance at La Fayette Club.
- April 25. Basketball. Purdue 31, Y. M. C. A. 3.
- April 26. **DEATH OF V. H. PERKINS.**



April 18.



April 16-20.



April 20.

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E. F. MCBROOM: “And is McBroom a lady's man? No! Yes! Well — — —”

Calendar.



April 27.

- April 27. Purdue 10, Notre Dame 7. Ruby wins game in 10th inning by a three-base hit. Switzer lassoes a gopher on the campus.
- April 28. Purdue 12, Culver 10. Local field day. Endsley breaks Purdue record for running high jump, and curves for discus throw.
- May 1. Wabash 3, Purdue 11.
- May 3. Notre Dame 7, Purdue 10.



April 27.



May 5.

- May 5. Adreon takes his lady for a drive.
- May 8. E. L. Smith and "Rocky" Ulrich are caught house-breaking by the town marshal.
- May 9. Senior ball. A. M. Wilson calls on some Seniors with a box over his head.



May 9.



May 9.

MARGARET HAYWOOD: "One of earth's fair flowers."

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Calendar.

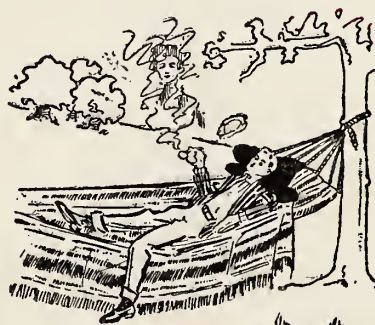


June 6.

- May 13. Indiana 0, Purdue 16.
- May 15. Nebraska 1, Purdue 7.
- May 18. Chicago 6, Purdue 2.
- May 19. Beloit 2, Purdue 4.
- May 21. Northwestern 10, Purdue 3.
- June 6. Prof. Ferry at half mast.



Sept. 12.



Vacation.



Vacation.

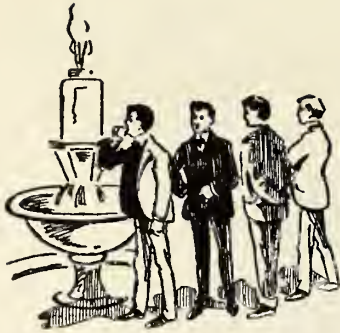
- June 8. CROWNING BLOOM OF THE CENTURY!!!
'00 graduates. Vacation.
- Sept. 12. School opens. First football practice.
- Sept. 13. First tank scrap. '03 on tank.



Sept. 13.

ETHEL MONTGOMERY: "Ah! smile again, sweet Ethel; 'tis the sunshine."

Calendar.

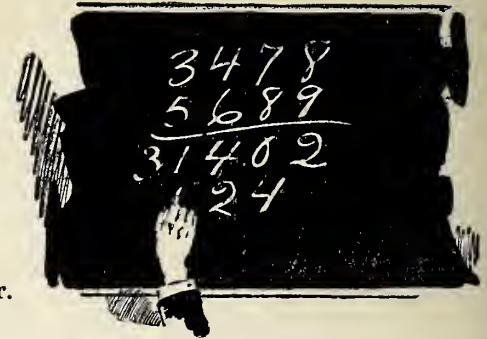


Sept. 14.

- Sept. 14. Second tank scrap. Freshmen drink sulphur water.
 Sept. 15. Y. M. C. A. reception.—For men only.
 Sept. 20. Prof. Miller instructs the Senior class in multiplication.
 Sept. 21. Dr. Stone has the tank painted P. U.
 Sept. 22. 2 a. m. Seniors paint tank '01. 8 p. m. Y. M. C. A. and Y. W. C. A. reception.
 Sept. 23. Prof. Quinn smokes a cigarette.
 Sept. 24. Carnival opens.
 Sept. 29. '03 on tank. Illinois Wesleyan 0, Purdue 39.
 Oct. 1. Hatch gives nine "rahs" for Robbie. Mass meeting on bleachers.



Sept. 23.



Sept. 20.



Sept. 24.

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Calendar.



Oct. 2.

- Oct. 2. Waesche gives a test.
- Oct. 3. Sophs decide to can Terry.
- Oct. 4. Seniors skip Waesche's, all but two.
- Oct. 5. Tau Beta Pi spikes appear in chapel.
- Oct. 6. Chicago 17, Purdue 5. Dan Otero celebrates.
- Oct. 8. Dr. Stone attends Physics lecture.
- Oct. 9. Sophs give Terry two more weeks.
- Oct. 10. Freshmen nominate class officers. "Teddy" in town.
Sigma Chi dance at Fowler's.
- Oct. 13. Purdue 28, De Pauw 5. Students go to "Sapho."
Prof. Hatt takes his "Mechanics" along.



Oct. 6.



Oct. 4.



Oct. 10.

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TARKINGTON: "Why should Tark. use a megaphone?"



Oct. 16.



Nov. 29.

Calendar.

- Oct. 16. Sigma Alpha Epsilon's give a hay ride from their country home. Capt. Petersen dies in Cuba.
- Oct. 18. D. B. Hill in town. Cleary introduced himself.
- Oct. 19. Mandolin Club plays in chapel.
- Oct. 20. Michigan 11, Purdue 6. Rotton umpire! Annual fall track meet. E. L. Smith gets in free with Johnny Barnes' horn.
- Oct. 22. Prof. Moran claims to have friends in both places.
- Oct. 27. Purdue 46, Rose Polytechnic 5. Robbie breaks world's record in place kicking.
- Nov. 3. Illinois 17, Purdue 5. Awful!
- Nov. 6. Election.
- Nov. 9. Sigma Chi's give a feast to Bacchus at their suburban home.
- Nov. 10. Sophomores 10, Freshmen 0.
- Nov. 17. Earlham 0, Purdue 38. Seniors 11, Juniors 0.
- Nov. 20. Balliet arrives.
- Nov. 24. Seniors 0, Sophomores 0.
- Nov. 29. Band gets new uniforms. Indiana 24, Purdue 5; Oh! My! Phi Delta Theta's give a dance at their hall. A Kenyon matriculates,—a boy.
- Nov. 30. Election of Athletic Association officers.
- Dec. 1. A Burrage matriculates,—a girl. Junior Chemists 6, Soph. Chemists 0.
- Dec. 4. Committee from Legislature visits Purdue.
- Dec. 5. John Miller, Captain.
- Dec. 6. First annual football banquet.



Oct. 27.



Dec. 6.

MEDDIS: "His own thoughts taste the best—he much doubts those of others."

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OSCAR KLIPSCH: "An educated greenhorn!"

Calendar.



Dec. 11.

- Dec. 7. Philalethean open meeting. Sigma Chi dance.
- Dec. 11. Fansler gets annual hair cut.
- Dec. 14. Kappa Sigma give a dance.
- Dec. 21. Nine 'rahs for "Merry!" All go home.
- Jan. 7. School opens. Earl Fristoe returns and is taken for a shorthorn.
- Jan. 8. The Senior gives his Hatt to Junior. Alas! It does not fit. But the Junior has one whole long year, and he may grow to it.
- Jan. 12. Fansler has a birthday, and the Phi Delta Theta's give a dance.
- Jan. 13. Kalinowski thinks he will marry a nice strong widow.
- Jan. 16. Mr. Young gives a "blow out" to the Senior Mechanical in laboratory. Hot cylinder oil served.



Jan. 7.



Dec. 21.



Jan. 8.

SWITZER: "Drinking is a soldier's pleasure."



THE Mason Reducing Valves

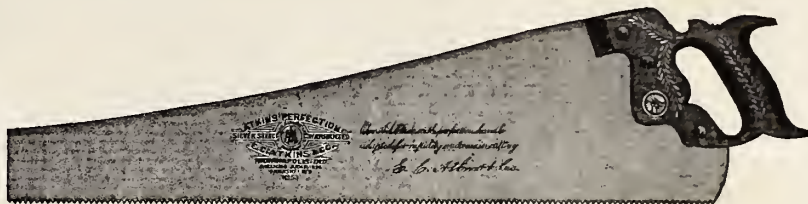
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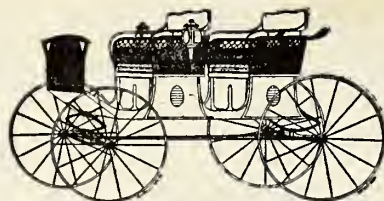
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HOWARD: "Very true; but what's the use?"

Calendar.



Jan. 28.



Jan. 31.

- Jan. 28. Miss Lindley matriculates.
- Jan. 31. Prof. Smart snow-balled.
- Feb. 1. Sigma Chi's give dance at La Fayette Club.
- Feb. 2. Prof. Quinn calls on Miss Darby.
- Feb. 3. Atkins, unaided, expels a drunk from the Sigma Chi house.
- Feb. 4. Prof. Quinn calls on Miss Darby.
- Feb. 5. Llew. Williams takes a bath.
- Feb. 7. Prof. Quinn calls on Miss Darby.
- Feb. 6. Prof Quinn calls on Miss Darby.
- Feb. 9. The Beta Kappa's give a sleigh ride.
- Feb. 10. Kappa Sigma have a poker game. One man loses 15 cents.
- Feb. 14. Prof. Quinn calls on Miss Darby.



Feb. 2.



Feb. 3.

LOUIS G. CORNELIUS MAYER: "With help, I DESIGNED THE ALLFREE ENGINE, at 7 plunks per week."

Calendar.



Feb. 15.



Feb. 28.

- Feb. 15. Phi Delta Thetas give a cakewalk.
- Feb. 16. Prof. Quinn meets Miss Gates.
- Feb. 17. Prof. Quinn calls on Miss Gates.
- Feb. 18. Prof. Quinn calls on Miss Gates.
- Feb. 20. Beta Kappa's give a dance at the Lincoln Club.
- Feb. 22. Washington's annual birthday. Sigma Nu's give matinee dance.
- Feb. 28. Hugo Lund visits the dorm. and is shown a hot time.
- March 3. Charlie Davis gets a letter from his steady,—one cent due!
- March 5. Robbie presented with a medal for place kicking.
- March 8. Whitaker, Noble, and Dunning (all '03), go for a walk to the Soldiers' Home at 1 a. m. (Fool-killer asleep.)
- March 9. Phi Delta Theta's give a dance.
- March 10. (Sunday.) Lund does not call on Miss Montgomery!
- March 11. State champions in basketball.



March 8.



March 11.

WILL MARTIN: "No, I'll not pay any Debris assessment, nor class

Calendar.



March 13.



March 22.

- March 12. Endicott gets the mumps.
- March 13. Kalinowski gets married.
- March 16. Recitations suspended on account of the death of General Harrison.
- March 17. St. Patrick's Day. Cleary and Ulrich have a "ruction."
- March 18. McKee joins the Buffaloes. New baseball suits.
- March 19. Barnes joins the Buffaloes.
- March 21. Glee Club roasts the Freshmen in chapel. "Winslow's Soothing Syrup." State Championship in basketball. Butler 12, Purdue 42.
- March 22. Prof. Quinn does the fire department act. A howling success. Mike gets wet.
- March 25. Seniors and Juniors leave on inspection trip.
- March 29. Purdue minstrel show for benefit of band.
- March 10. Tennis club organized.
- March 15. Baseball. Michigan 7, Purdue 6. D—n! Arthur announced.
- April 6. Engagements of Professor Smart and Professor Arthur announced.
- April 19. Baseball. Notre Dame 7, Purdue 6. D—n again!
- April 20. Sigma Nu's give another "sewing party" dance. Baseball. Culver 2, Purdue 14. All right! Freshmen 0, Sophomores 12.



March 17.



dues. I'm taking dancing lessons, and I need the money."

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HOLMAN: "Why, you don't want to think of those two girls in the same breath!"

The following conversation occurred while the Agriculture students were at Chicago, attending the Live Stock Exposition, December 6 to 8, 1900:

MOORE, '01 (after breakfast): "Shoemaker, will you have a Manhattan?"

SHOE: "Er—what?"

MOORE: "A Manhattan."

SHOE: "What's that?"

MOORE: "Well, won't you have a cocktail?"

SHOE: "No, I am a vegetarian."

What is Holman interested in?

Why doesn't Chase Davis get a wig?

JULIAN ENSMINGER (a man to be envied): "She loves him 'cause he makes those goo-goo eyes."

Was ever a man so diffident as Barnes?

TOM DAVID: "Oi'm Oirish, be gobs!"

MISS BROWN: "Oh, Kirk! I've got the funniest joke to tell you! I just heard yesterday that I am in love with you."

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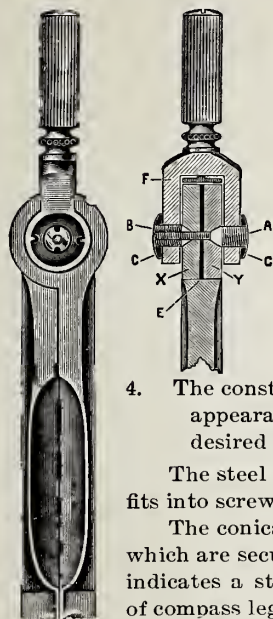
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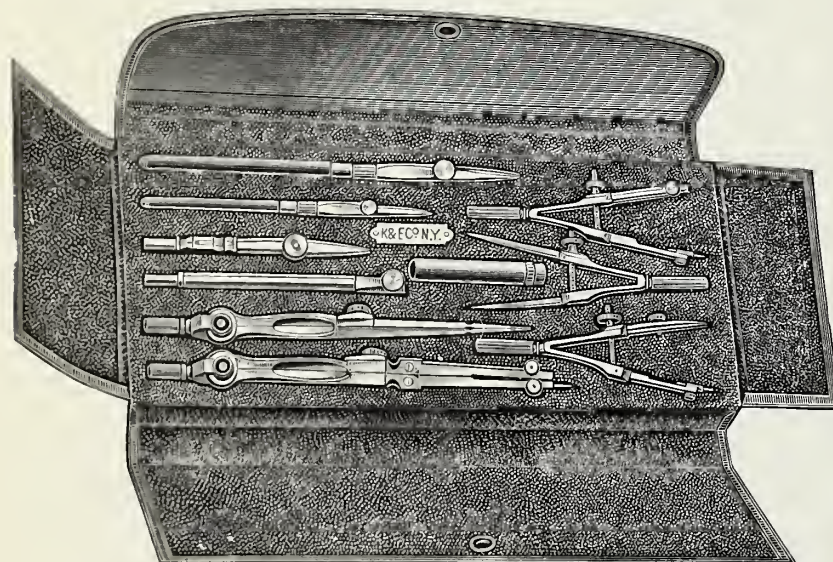
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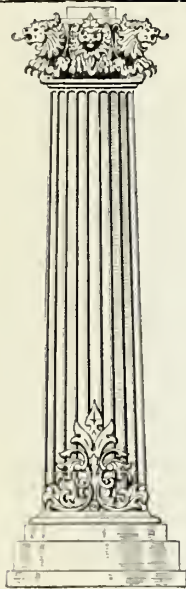
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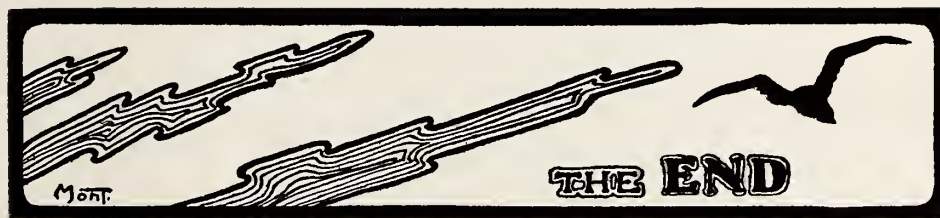


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OPP: "This is one chunk of jollity."

